

**For Participation in**  
**BRANDY BRANCH GENERATING STATION COMBUSTION TURBINE (CT) B51 EXHAUST**  
**DUCT SILENCER REPLACEMENT PROJECT**



**Jacksonville, FL**

**Solicitation Number**

**023-18**

**Mandatory Pre-Bid Meeting on November 16, 2017**

**Mandatory Pre-Bid Meeting Time: 9:30 AM**

**BRANDY BRANCH GENERATING STATION, SHARED SERVICES BUILDING CONFERENCE ROOM,  
15701, BEAVER STREET WEST, JACKSONVILLE, FL 32234**

**ALL BIDDERS ATTENDING PRE-BID, SHALL EMAIL: [GILLKL@JEA.COM](mailto:GILLKL@JEA.COM) A MINIMUM OF FORTY-  
EIGHT (48) HOURS PRIOR TO THE MEETING, TO BE ADDED TO THE SITE ACCESS LIST**

**THERE WILL BE A SITE WALK THROUGH IMMEDIATELY FOLLOWING THE PRE-BID MEETING.  
THOSE PARTICIPATING IN THE SITE WALK THROUGH SHALL BE BRING THEIR OWN  
PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Bids are due on December 19, 2017**

**Direct delivery or mail to JEA Bid Office, Customer Center 1<sup>st</sup> Floor, Room 002**

**21 W. Church Street, Jacksonville, FL 32202**

**JEA will publicly open all bids received from qualified Bidders on December 19, 2017 at 2:00**

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## **Solicitation**

### **1. SOLICITATION**

#### **1.1. INVITATION**

##### **1.1.1. SCOPE OF WORK**

JEA is soliciting bids for the fabrication, delivery and installation of one (1) exhaust silencer assembly, which includes the removal of the existing silencer, duct work, and all incidental work the JEA Brandy Branch Generating Station. Work will be bid on a lump sum, fixed price basis, in accordance with the specifications attached this Solicitation.

The JEA Brandy Branch Generating Station Combustion Turbine (CT) Unit 1 is a simple cycle General Electric 7FA Gas Turbine that is used as both an intermediate load and a peaking unit. Unit 1 is currently under a Long Term Service Agreement with General Electric, the Original Equipment Manufacturer (OEM). Since commercial operation, the unit has accumulated 1,438 fired starts and 8,998.7 fired operating hours.

The OEM specification for the not to exceed noise levels were sixty-five (65) decibels far field, seventy-five (75) decibels at 400 meters and eighty-five (85) decibels near field. The gas turbine inlet air and filtration system were supplied by a third party fabricator, as is the exhaust duct, noise attenuation section and stack. The third party fabricator is no longer in business.

Routine stack inspections, on JEA's simple and combined cycle units, are performed bi-annually or as needed due to unusual noises or hot spots detected with thermal imaging. In recent routine inspections of the exhaust system, evidence of damage has been found in both the exhaust diffuser and sound attenuation (silencer) sections on the majority of JEA's Combustion Turbine 7FA fleet. In most cases, the exhaust diffuser, duct liner, and stack areas can and have been repaired on planned maintenance outages by plant personnel and contract labor.

The silencer damage that has been noted cannot be repaired in situ as there is physically no room between the individual baffle panels to perform weld repair work. The silencer system consists of eight individual vertical "panels" or baffles approximately twenty-two feet (22') tall and twenty feet (20') long. Each panel is about twenty inches (20") wide and is constructed of type 409 stainless steel. The baffles are spaced approximately twelve inches (12') apart.

More details for this Scope of Work are contained within Appendix A – Technical Specifications

##### **1.1.2. QUESTIONS**

All questions shall be submitted in writing to the JEA Buyer listed below at least five (5) business days prior to the Bid opening date. Questions not received five (5) days prior to the Bid opening date will not be answered.

##### For Procurement Related Questions:

Buyer: RODNEY LOVGREN  
Email: LOVGRD@JEA.COM

##### For Technical Related Questions:

Buyer: KENDRICK TAYLOR  
Email: TAYLKL@JEA.COM

### **1.1.3. INVITATION TO BID**

You are invited to bid on the Solicitation noted below:

JEA Solicitation Title: **BRANDY BRANCH GENERATING STATION, B51 EXHAUST DUCT SILENCER REPLACEMENT PROJECT**

JEA Solicitation Number: **023-18**

To obtain more information about this Solicitation:

Download a copy of the Solicitation, PDF quality drawings (if applicable) and any required forms at [jea.com](http://jea.com).

Bid Due Time: 12:00 P.M. - ALL LATE BIDS WILL BE RETURNED UNOPENED

Bid Due Date: DECEMBER 19, 2017

All Bids must reference the JEA Solicitation title and number noted above. All Bids must be made on the appropriate Bid forms as specified within this Solicitation, and placed in an envelope marked to identify the Solicitation and delivered or mailed to:

JEA Procurement, Bid Office, Customer Center 1<sup>st</sup> Floor, Room 002, Jacksonville, FL 32202

The Bidder shall be solely responsible for delivery of its Bid to the JEA Bid Office. Please note, JEA employs a third party courier service to deliver its mail from the local U.S. Postal Service (USPS) which could cause a delay of Bid delivery if mailed through the USPS. Therefore, JEA recommends direct delivery to the JEA Bid Office. Reliance upon the USPS, the courier service employed by JEA to make pick-ups from the local USPS, or public carriers is at the Bidder's risk.

Bids are due by the time and on the date listed above. ALL LATE BIDS FOR WHATEVER REASON WILL BE REJECTED.

### **1.1.4. MANDATORY PRE-BID MEETING**

There will be a mandatory Pre-Bid meeting. All interested Bidders must attend the Pre-Bid meeting. Each Bidder will be required to sign in at the beginning of the meeting. A Bidder shall only sign in representing one company, unless otherwise specified by JEA. Bidders not attending the Pre-Bid meeting shall have their bids opened, however, the Bid will be rejected and JEA will send the Bidder a disqualification letter.

Bidders shall be on time to the Pre-Bid meeting and Bidders must be present at the starting time of the meeting. Bidders not arriving on time for the meeting will have their Bids rejected.

**PLEASE BE AWARE DUE TO JEA SIGN IN AND/OR SECURITY PROCEDURES IT MAY TAKE UP TO FIFTEEN MINUTES (15) TO OBTAIN ACCESS TO A JEA FACILITY. PLEASE PLAN ACCORDINGLY SO AS TO ARRIVE TO THE PRE-BID MEETING ON TIME.**

Pre-Bid Meeting Time: 9:30 AM

Pre-Bid Meeting Date: NOVEMBER 16, 2017

Pre-Bid Location: BRANDY BRANCH GENERATING STATION, SHARED SERVICES BUILDING  
CONFERENCE ROOM, 15701 BEAVER STREET WEST, JACKSONVILLE, FL 32234

023-18 **BRANDY BRANCH GENERATING STATION COMBUSTION TURBINE (CT) B51 EXHAUST DUCT SILENCER REPLACEMENT PROJECT**



### **1.1.5. OPENING OF BIDS**

All Bids shall be publicly opened, read aloud and recorded at 2:00 PM on DECEMBER 19, 2017 at the JEA Bid Office, 21 W. Church Street, Customer Center 1<sup>st</sup> Floor, Room 002, Jacksonville, FL 32202.

At the opening of Bids, a JEA Representative will publicly open and announce each Bid that was received on time. Bids that have been properly withdrawn will not be opened. JEA has the right to waive any irregularities or informalities in the Bid Document.

## **1.2. SPECIAL INSTRUCTIONS**

### **1.2.1. MINIMUM QUALIFICATIONS FOR SUBMISSION**

Bidder shall have the following Minimum Qualifications to be considered eligible to submit a Bid in response to this Solicitation. A Minimum Qualification Form which is required to be submitted with the Bid Form is provided in Appendix B of this Solicitation.

It is the responsibility of the Bidder to ensure and certify that it meets the Minimum Qualifications stated below. JEA reserves the right to request back up documentation to confirm the Bidder meets the requirements stated herein. A Bidder not meeting all of the following criteria will have their Bids rejected:

- The Company shall successfully completed two (2) similar projects in the last five (5) years, date ending the Bid Due Date. A similar project is defined as an exhaust duct silencer assembly replacement project on a GE 7FA combustion turbine.

Please note, any Bidder whose contract with JEA was terminated for default within the last two (2) years shall have their Bid rejected.

### **1.2.2. EVALUATION METHODOLOGY**

#### **1.2.2.1. COMPETITIVE SEALED BIDDING (INVITATION FOR BIDS)**

The Bidder shall submit its sealed Bid in response to this Solicitation no later than the Bid due date and time indicated herein. At the public opening of the Bids, the Bids from all Bidders will be publicly announced. After the public opening, JEA will subsequently review Bids to determine if they meet the minimum qualifications as stated in this Solicitation. JEA will Award the Contract to the lowest responsive and responsible Bidder whose Bid meets or exceeds the minimum qualifications, and whose Bid Price represents the lowest cost to JEA.

NO EXCEPTIONS ARE ALLOWED IN AN INVITATION TO BID. IF THE BIDDER OBJECTS IN ANY MANNER TO THE TERMS AND CONDITIONS OR TECHNICAL SPECIFICATIONS, THE OBJECTION MUST BE ADDRESSED IN WRITING FIVE (5) BUSINESS DAYS PRIOR TO THE BID OPENING DATE, AND THE OBJECTION MAY BE ADDRESSED IN AN ADDENDUM IF JEA BELIEVES THAT A CLARIFICATION OR CHANGE IS NECESSARY. ANY MODIFICATIONS, EXCEPTIONS OR OBJECTIONS STATED WITHIN THE BID DOCUMENTS SHALL SUBJECT THE BID TO BE REJECTED.

#### **1.2.2.2. BASIS OF AWARD - LOWEST BID**

JEA will Award this Contract to the responsive and responsible Bidder whose Bid meets or exceeds the Minimum Qualifications set forth in this Solicitation, and the Bidder's price represents the lowest cost to JEA.

JEA will use the Bidder's Total Bid Price stated on the Bid Form when making price comparisons for Award purposes.

### **1.2.3. NUMBER OF CONTRACTS TO BE AWARDED**

JEA intends to Award ONE (1) Contract(s) for the Work. JEA reserves the right to Award more than one Contract based on certain groupings of the Work items, or JEA may exclude certain Work items, if JEA determines that it is in its best interest to do so.

### **1.2.4. JACKSONVILLE SMALL AND EMERGING BUSINESS (JSEB) PROGRAM REQUIREMENTS**

#### **1.2.4.1. OPTIONAL USE OF JACKSONVILLE SMALL AND EMERGING BUSINESS (JSEB) PROGRAM**

It is at the Company's option as to whether it chooses to subcontract to a JSEB firm. JEA encourages the use of JSEB qualified firms; however, the Company is not required to utilize JSEB firms to be Awarded this Contract.

JSEB firms that qualify for this Contract are only those shown on the current City of Jacksonville JSEB directory appearing at [www.COJ.net](http://www.COJ.net). Certification of JSEB firms must come from the City of Jacksonville. No other agency or organization is recognized for purposes of this Contract.

In no case shall the Company make changes to the JSEB firms listed in its Bid, revise the JSEB Scope of Work or amount of Work as stated in its Bid without prior written notice to the JEA Contract Administrator, and without subsequent receipt of written approval for the JEA Contract Administrator.

Any subcontractors of Company shall procure and maintain the insurance required of Company hereunder during the life of the subcontracts. Subcontractors' insurance may either be by separate coverage or by endorsement under insurance provided by Company. Note: Any JSEB firms identified by Bidders for this Solicitation are considered "Subcontractors" under the direct supervision of the Prime or General Contractor (herein referred to as Company in this Solicitation). Companies should show good faith efforts in providing assistance to JSEB firms in the securing of Subcontractors' insurance requirements stated in this section. Company shall submit subcontractors' Certificates of Insurance to JEA prior to allowing subcontractors to perform Work on JEA's job sites.

All question and correspondence concerning the JSEB program should be addressed to the following contact:

Rita Scott  
JEA JSEB Manager  
(904) 665-6257  
[scotrl@jea.com](mailto:scotrl@jea.com)

### **1.2.5. PAYMENT AND PERFORMANCE BOND REQUIREMENTS**

Once the Bidder is Awarded the Contract and upon receipt of the Contract Documents, the Bidder shall furnish a Payment and Performance Bond, or alternate form of security, in the amount indicated on the Bid Form, made out to JEA in forms and formats approved and provided by JEA, as security for the faithful performance of the Work or Services. No modifications to the JEA bond forms are allowed.

A fully executed Payment and Performance Bond must be recorded with the Clerk of Duval County Court and delivered to JEA before the JEA Purchase Order will be issued. JEA will send the approved bond forms to the Bidder for execution along with the Contract; however, in no case shall the date on the bond forms be prior to that of the executed Contract. The surety must be authorized and licensed to transact business in Florida. **Note, that the Bidder is**

**responsible for the costs associated with the required Payment and Performance Bonds; therefore, the costs should be included in the Bidder's total Bid Price.** If the Bidder fails or refuses to furnish or record the required bonds, JEA will retain the Bidder's bid bond as liquidated damages.

To be acceptable to JEA as surety for Performance and Payment Bonds, a surety company shall comply with the following provisions:

- o The Surety Company shall have a currently valid Certificate of Authority, issued by the State of Florida, Department of Insurance, authorizing it to write surety bonds in the State of Florida.
- o The Surety Company shall have a currently valid Certificate of Authority issued by the United States Department of Treasury under Sections 9304 to 9308 of Title 31 of the United States Codes.
- o The Surety Company shall be in full compliance with the provisions of the Florida Insurance Code.
- o The Surety Company shall have at least twice the minimum surplus and capital required by the Florida Insurance Code during the life of this agreement.
- o If the Contract Award Amount exceeds \$500,000, the Surety Company shall also comply with the following provisions:

The Surety Company shall have at least the following minimum ratings in the latest issue of A.M. Best's Key Rating Guide.

**POLICY HOLDER'S CONTRACT AMOUNT AND REQUIRED FINANCIAL RATING**

\$500,000 TO 1,000,000: A-CLASS IV

\$1,000,000 TO 2,500,000: A-CLASS V

\$2,500,000 TO 5,000,000: A-CLASS VI

\$5,000,000 TO 10,000,000: A-CLASS VII

\$10,000,000 TO 25,000,000: A- CLASS VIII

\$25,000,000 TO 50,000,000: A- CLASS IX

\$50,000,000 TO 75,000,000: A- CLASS X

The Surety Company shall not expose itself to any loss on any one risk in an amount exceeding ten (10) percent of its surplus to policyholders, provided:

Any risk or portion of any risk being reinsured shall be deducted in determining the limitation of the risk as prescribed in this section. These minimum requirements shall apply to the reinsuring carrier providing authorization or approval by the State of Florida, Department of Insurance, to conduct business in this state has been met.

In the case of the surety insurance company, in addition to the deduction for reinsurance, the amount assumed by any co-surety, the value of any security deposited, pledged or held subject to the consent of the surety and for the protection of the surety shall be deducted.

**1.2.6. SAFETY QUALIFICATION REQUIREMENTS (IFB)**

Bidder shall be approved as JEA Safety Qualified within ten (10) business days of receiving written notice from the JEA Bid Office that it is the lowest responsive and responsible Bidder. If the Bidder fails to obtain JEA approval as a JEA Safety Qualified company by 4:00 p.m. Eastern time on the 10<sup>th</sup> business day, JEA will reject the company's Bid, and proceed to Award to the next lowest responsive and responsible Bidder.

JEA Safety Qualification information is available online at [jea.com](http://jea.com). Please note that it may take up to five (5) business days for a company to be approved as JEA Safety Qualified. It is the Bidder's responsibility to ensure it is JEA Safety Qualified. A list of the JEA's Safety Qualified vendors can be found on [jea.com](http://jea.com). For additional information, contact Jerry Fulop at (904) 665-5810.

### 1.2.7. TIME

In computing any period of time prescribed or allowed by this solicitation, the day of the act, event, or default from which the designated period of time begins to run shall not be included. The last day of the period so computed shall be included unless it is a Saturday, Sunday, or JEA holiday, in which event the period shall run until the end of the next day which is neither a Saturday, Sunday, or JEA holiday.

### 1.2.8. REQUIRED FORMS TO SUBMIT WITH BID

To submit a Bid in response to this Solicitation, all of the forms listed below must be completed and submitted as part of the Bid. The Bidder must obtain the required forms, other than the forms provided in the solicitation, by downloading them from JEA.com. If the Bidder fails to complete or fails to submit one or more of the required forms, the Bid shall be rejected.

The following forms are required to be submitted at the time of Bid:

- Bid Bond
- Bid Form (including acknowledgements of all addenda) - This form can be found in Appendix B
- Minimum Qualifications Form - This form can be found in Appendix B
- Florida Trench Safety Act Acknowledgment
- Construction and Demolition Debris Disposal (if applicable)
- Subcontractor Form (if any). At a minimum, the following Subcontracts shall be listed on the form:
  - o **Equipment Suppliers (i.e., pumps, fans, etc.), Material Suppliers, Roofing, Fuel, Mechanical Engineer, Fire Protection.**
- State of Florida General Contractor's license number – Entered on the Bid Form

If the above listed forms are not submitted with the Bid by the Bid Due Time on the Bid Due Date, JEA shall reject the Bid.

JEA also requires the following documents to be submitted prior to execution of Contract. A Bid will not be rejected if these forms are not submitted at the Bid Due Time and Date. However, failure to submit these documents at the time of Contract execution could result in Bid rejection.

- o List of JSEB Certified Firms (if any)
- o Conflict of Interest Certificate Form
- o Insurance Certificate
- o W-9
- o Evidence of active registration with the State of Florida Division of Corporations ([www.sunbiz.org](http://www.sunbiz.org))
- o Any technical submittals as required by the Technical Specifications.

### 1.2.9. BID SECURITY/BID BOND

All Bids shall be accompanied by a bid security in the amount stated on the Bid Form. The bid security must be furnished by the Bidder at or before the opening of Bids. The bid security shall either be issued by a surety company authorized to do business in the State of Florida, or Bidder shall furnish a certified check or cashier's check in the amount of **five percent (5%)** of the total Bid Amount shown on the Bid Form. The JEA Bid Bond form can be found at [jea.com](http://jea.com). Failure to furnish the required bid security will disqualify the Bid. If the Bidder is Awarded the Work and fails to execute the Contract within ten (10) days of postmarked date on the Contract Documents, JEA shall retain the Bid Bond or check as liquidated damages.

### **1.3. GENERAL INSTRUCTIONS**

#### **1.3.1. ADDENDA**

JEA may issue Addenda prior to the Bid opening date to revise, in whole or in part, or clarify the intent or requirements of the Solicitation. The Bidder shall be responsible for ensuring it has received all Addenda prior to submitting its Bid and shall acknowledge receipt of all Addenda by indicating where requested on the Bid Form. JEA will post all Addenda when issued online at [jea.com](http://jea.com). The Bidder must obtain Addenda from the JEA website. All Addenda will become part of the Solicitation and any resulting Contract Documents. It is the responsibility of each Bidder to ensure it has received and incorporated all Addenda into its Bid. Failure to acknowledge receipt of Addenda may be grounds for rejection of a Bid.

#### **1.3.1. COMPLETING THE BID DOCUMENTS**

Bidders shall complete and submit all Bid Documents with responses typewritten or written in ink. ALL BIDS SUBMITTED LATE TO THE JEA BID OFFICE WILL BE REJECTED.

When a blank is marked "optional" on the bid form, the Bidder shall insert the words "No Bid" in the space provided if the Bidder does not choose to submit a price for that item. Failure to complete each blank with either a price or the words "No Bid" may disqualify the Bid. The Bidder, or its authorized agent or officer, shall sign the Bid Documents. Failure to sign the Bid Documents may disqualify the Bid. JEA approved erasures, interlineations or other corrections shall be authenticated by affixing in the margin, immediately opposite the correction, the handwritten signature of each person executing the Bid. Failure to authenticate changes may disqualify the Bid. JEA may disqualify any Bids that deviate from the requirements of this Solicitation, and those that include unapproved exceptions, amendments, or erasures.

#### **1.3.1. SUBMITTING THE BID FORM**

The Bidder shall submit one (1) original of all the Bid Documents, two (2) duplicates and one (1) CD or Thumb Drive of the original Bid Documents.

JEA will not accept Bid Documents files transmitted via email. If electronic copies of the Bid Documents are submitted, they must be submitted on a CD with the hardcopies of the Bid Documents.

#### **1.3.2. CALCULATION OF THE BID PRICE**

JEA will use the Bidder's Total Bid Price stated on the Bid Form when making price comparisons for Award purposes.

#### **1.3.1. SHIPPING, FREIGHT, AND TRAVEL--F.O.B. DESTINATION**

The Bidder shall include the price for travel, shipment of materials and equipment in its pricing shown on the Bid Form or Bid Workbook unless otherwise stated herein. The shipment of all materials shall be F.O.B. Destination.

If the Solicitation allows for travel expenses to be billed separately, then all Bidder's travel expenses will be reimbursed in accordance with JEA's Contractor Travel Policy.

#### **1.3.2. CONTRACT EXECUTION AND START OF WORK**

Within thirty (30) days from the date of Award, JEA will present the successful Bidder with the Contract Documents. Unless expressly waived by JEA, the successful Bidder shall execute a Contract for the Work or Services within ten (10) days after receiving the Contract from JEA. If the Bidder fails to execute the Contract or associated documents as required, or if it fails to act on a JEA-issued Purchase Order (PO), JEA may cancel the Award with no further liability to the Bidder, retain the bid security or bond (if applicable), and Award to the next-ranked company.

Upon JEA's receipt of the executed Contract, certificate of insurance, and recorded Payment and Performance bonds (if applicable), JEA will issue a PO, in writing and signed by an authorized JEA representative as acceptance of the Proposal or Bid and authorization for the company to proceed with the Work, unless otherwise stated in the Contract or PO.

For Construction Services: In the event that JEA intends to authorize the successful Bidder to proceed with administrative work only, or with only a portion of the Work, then the PO shall state the specific limitations of such authorization and JEA will issue a separate written Notice to Proceed to authorize the Bidder to begin Field Work, when applicable, or to perform the remainder of the Work, or any portion thereof. The Bidder shall ensure that it is prepared to begin Field Work upon receipt of Notice to Proceed. Any Work performed outside of this partial authorization shall be at the Bidder's risk and JEA shall have no obligation to pay for such Work.

### **1.3.3. CONFLICT OF INTEREST**

A person or company who receives a Contract which was not procured pursuant to public bidding procedures to perform a feasibility study, or who participated in the drafting of an invitation to bid, or who developed a program for future implementation shall not be eligible to contract with JEA for any other contracts dealing with that specific subject matter.

Should JEA erroneously Award a Contract in violation of this policy, JEA may terminate the Contract at any time with no liability to Bidder, and Bidder shall be liable to JEA for all damages, including but not limited to the costs to rebid the Work. The purpose of this policy is to encourage bidding and eliminate any actual or perceived advantage that one Bidder may have over another.

### **1.3.4. DEFINED TERMS**

Words and terms defined in the Section entitled "Definitions" of this document are hereby incorporated by reference into the entire document.

### **1.3.5. EX PARTE COMMUNICATION**

Ex Parte Communication is strictly prohibited. Ex Parte Communication is defined as any inappropriate communication concerning a Solicitation between a firm submitting a Bid and a JEA representative during the time in which the Solicitation is being advertised through the time of Award. Examples of inappropriate communications include: private communications concerning the details of Solicitation in which a Bidder becomes privy to information not available to the other Bidders. Social contact between Bidders and JEA representatives should be kept to an absolute minimum during the solicitation process.

Failure to adhere to this policy will disqualify the noncompliant Company's Bid. Any questions or clarifications concerning a Solicitation must be sent in writing via email to the JEA Buyer at least five (5) business days prior to the opening date. If determined by JEA, that a question should be answered or an issue clarified, JEA will issue an addendum to all Bidders.

For more information on Ex Parte communications, see JEA Procurement Code, Article 1-110, which is available at [www.jea.com](http://www.jea.com).

### **1.3.6. JEA PUBLICATIONS**

Applicable JEA publications are available at [jea.com](http://jea.com).

### **1.3.7. PROHIBITION AGAINST CONTINGENT FEES**

The Company warrants that it has not employed or retained any company or person, other than a bona fide employee working for the Company, or an independent sales representative under contract to the Company, to solicit or secure a contract with JEA, and that it has not paid or agreed to pay any person, company, corporation, individual or Company, other than a bona fide employee working solely for the Company, or an independent sale representative under contract to the Company, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the Award or making of the Contract. For a breach or violation of these provisions occurs, JEA shall have the right to terminate the Contract without liability, and at its discretion, to deduct from the Contract Price, or otherwise recover, the full amount of such fee, commission, percentage, gift or consideration.

### **1.3.8. RESERVATIONS OF RIGHTS TO JEA**

The Solicitation provides potential Companies with information to enable the submission of written offers. The Solicitation is not a contractual offer or commitment by JEA to purchase products or services.

Bids shall be good for a period of ninety (90) days following the opening of the Bids.

JEA reserves the right to reject any or all Bids, or any part thereof, and/or to waive informalities if such action is in its best interest. JEA may reject any Bids that it deems incomplete, obscure or irregular including, but not limited to, Bids that omit a price on any one or more items for which prices are required, Bids that omit Unit Prices if Unit Prices are required, Bids for which JEA determines that the Bid is unbalanced, Bids that offer equal items when the option to do so has not been stated, Bids that fail to include a Bid Bond, where one is required, and Bids from Companies who have previously failed to satisfactorily complete JEA contracts of any nature or who have been scored by JEA as "Unacceptable" and as a result, are temporarily barred from bidding additional work.

JEA reserves the right to cancel, postpone, modify, reissue and amend this Solicitation at its discretion.

JEA reserves the right to cancel or change the date and time announced for opening of Bids at any time prior to the time announced for the opening of Bids. JEA may Award the Contract in whole or in part. In such cases whenever JEA exercises any of these reservations, JEA will make a commercially reasonable effort to notify, in writing, all parties to whom Solicitations were issued. JEA may award multiple or split Contracts if it is deemed to be in JEA's best interest.

### **1.3.9. SUNSHINE LAW**

#### **General**

Article I, Section 24, Florida Constitution, guarantees every person access to all public records and Chapter 119, Florida Statutes, provide a broad definition of public records. JEA is a body politic and corporate and subject to these laws and related statutes ("Florida's Public Records Laws"). All responses to this Solicitation are public records and available for public inspection unless specifically exempt by law.

**IF A BIDDER HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:**

**JEA**

**Attn: Public Records**

**21 West Church Street  
Jacksonville, Florida 32202**

**Ph: 904-665-8606  
publicrecords@jea.com**

**Redacted Submissions**

If a Bidder believes that any portion of the documents, data or records submitted in response to this Solicitation are exempt from Florida's Public Records Law, Bidder must (1) clearly segregate and mark the specific sections of the document, data or records as "Confidential," (2) cite the specific Florida Statute or other legal authority for the asserted exemption, and (3) provide JEA with a separate redacted copy of its response (the "Redacted Copy"). The cover of the Redacted Copy shall contain JEA's title and number for this Solicitation and Bidder's name, and shall be clearly titled "Redacted Copy." Bidder should only redact those portions of records that Bidder claims are specifically exempt from disclosure under Florida's Public Records Laws. If Bidder fails to submit a redacted copy of information it claims is confidential, JEA is authorized to produce all documents, data and other records submitted to JEA in answer to a public records request for such information.

In the event of a request for public records to which documents that are marked as confidential are responsive, JEA will provide the Redacted Copy to the requestor. If a requestor asserts a right to any redacted information, JEA will notify Bidder that such an assertion has been made. It is Bidder's responsibility to respond to the requestor to assert that the information in question is exempt from disclosure under applicable law. If JEA becomes subject to a demand for discovery or disclosure of Bidder's redacted information under legal process, JEA shall give Bidder prompt notice of the demand prior to releasing the information (unless otherwise prohibited by applicable law.) Bidder shall be responsible for defending its determination that the redacted portions of its response are not subject to disclosure.

By submitting a response to this Solicitation, Bidder agrees to protect, defend and indemnify JEA from and against all claims, demands, actions, suits, damages, liabilities, losses, settlements, costs and expenses (including but not limited to reasonable attorney fees and costs) arising from or relating to Bidder's determination that the redacted portions of its response to this Solicitation are not subject to disclosure.

**1.3.10. CERTIFICATION AND REPRESENTATIONS OF THE BIDDER**

By signing and submitting a Bid, the Bidder certifies and represents as follows:

- A. That it has carefully examined all available records and conditions, including sites if applicable, and the requirements and specifications of this Solicitation prior to submitting its Bid. Where the Bidder visits sites, no Work or other disturbance is to be performed while at the site without written permission by JEA in advance of the site visit. The Bidder shall comply with all safety requirements described in the Solicitation and shall be prepared to show proof of insurance
- B. That every aspect of its submitted Bid, including the Bid Price and the detailed schedule for the execution of the Work, are based on its own knowledge and judgment of the conditions and hazards involved, and not upon any representation of JEA. JEA assumes no responsibility for any understanding or representation made by any of its representatives during or prior to execution of the Contract unless such understandings or representations are expressly stated in the Contract and the Contract expressly provides that JEA assumes the responsibility.



- C. That the individual signing the Bid Documents is a duly authorized agent or officer of the firm. Bids submitted by a corporation must be executed in the corporate name by the President or Vice President. If an individual other than the President or Vice President signs the bid, satisfactory evidence of authority to sign may be requested by JEA. If the Bid is submitted by a partnership, the bid must be signed by a partner whose title must appear under the signature. If an individual other than a partner signs the bid, satisfactory evidence of authority to sign may be requested by JEA. The corporation or partnership must be in active status at the Florida Division of Corporations at the time of contract execution.
- D. That the firm maintains an active status and all licenses, permits, certifications, insurance, bonds and other credentials including, but not limited to, contractor's license and occupational licenses necessary to perform the Work. The Bidder also certifies that, upon the prospect of any change in the status of applicable licenses, permits, certifications, insurance, bonds or other credentials, the Bidder shall immediately notify JEA of status change.
- E. That Bidder has read, understands these instructions and will comply with the Section titled Ethics.

#### **1.3.11. ESTIMATED QUANTITIES**

On the Bid Document, JEA sets forth anticipated quantities, or estimates of anticipated purchase volumes by JEA. JEA anticipates that these quantities are reasonable and will not be exceeded. During the Bid process, if the Bidder finds any discrepancy greater than ten percent (10%) of the estimated quantity, the Bidder shall notify the JEA Representative in writing of the discrepancy. JEA will check the estimated quantity and if it is found to exceed ten percent (10%) of the estimated quantity, JEA will issue an Addendum to all Bidders.

After Award of the Contract, JEA will make payments upon the actual quantities of Work provided and JEA shall not be obligated, in any way, to pay any amounts for quantities other than those actually provided and authorized under this Contract, regardless of amount stated in the Solicitation. In the event that quantities or scope of work change after Award, the changes to price and/or scope shall be made in accordance with the terms and conditions stated in the Contract Document.

Any item not shown on the Bid Document, but shown in the drawings or Technical Specifications section, that is required to perform the Work, or that is required as part of a complete and operable system, shall be included in the Bid Price.

#### **1.3.12. ETHICS (IFB)**

By signing the Bid Form, the Bidder certifies this Bid is made without any previous understanding, agreement or connection with any other person, firm, or corporation submitting a Bid for the same Work other than as a Subcontractor or supplier, and that this Bid is made without outside control, collusion, fraud, or other illegal or unethical actions. The Bidder shall comply with all JEA and City of Jacksonville ordinances, policies and procedures regarding business ethics.

The Bidder shall submit only one (1) Bid in response to this Solicitation. If JEA has reasonable cause to believe the Bidder has submitted more than one Bid for the same Work, other than as a Subcontractor or subsupplier, JEA shall disqualify the Bid and may pursue debarment actions.

The Bidder shall disclose the name(s) of any public officials who have any financial position, directly or indirectly, with this Bid by completing and submitting the Conflict of Interest Certificate Form available at [jea.com](http://jea.com). If JEA has

reason to believe that collusion exists among the Bidders, JEA shall reject any and all Bids from the suspected Bidders and will proceed to debar Bidder from future JEA Awards in accordance with the JEA Purchasing Code.

JEA is prohibited by its Charter from awarding contracts to JEA officers or employees, or in which a JEA officer or employee has a financial interest. JEA shall reject any and all Bids from JEA officers or employees, as well as, any and all Bids in which a JEA officer or employee has a financial interest.

In accordance with Florida Statutes Sec. 287.133, JEA shall reject Bids from any persons or affiliates convicted of a public entity crime as listed on the Convicted Vendor list maintained by the Florida Department of Management Services. JEA shall not make an Award to any officer, director, executive, partner, shareholder, employee, member, or agent active in management of the Bidder listed on the Convicted Vendor list for any transaction exceeding \$35,000.00 for a period of thirty-six (36) months from the date of being placed on the Convicted Vendor list.

If the Bidder violates any requirement of this clause, the Bid may be rejected and JEA may debar offending companies and persons.

#### **1.3.13. MATHEMATICAL ERRORS**

In the event of a mathematical error in calculation of the prices entered on the Bid Form, the Unit Prices will prevail. The corrected Bid Price utilizing the Unit Prices will be used to determine if the Company is Awarded the Work or the Services. Subsequently, the Unit Prices will be used throughout the term of the Contract.

#### **1.3.14. MODIFICATION OR WITHDRAWAL OF BIDS**

The Bidder may modify or withdraw its Bid at any time prior to the Bid Due Date and Time by giving written notice to JEA's Chief Procurement Officer. JEA will not accept modifications submitted by telephone, telegraph, email, or facsimile, or those submitted after the Bid Due Date and Time. The Bidder shall not modify or withdraw its Bid from time of Bid opening and for a period of 90 days following the opening of Bids.

#### **1.3.15. AVAILABILITY OF BIDS AFTER BID OPENING**

In accordance with the Florida Public Records Law, Florida Statutes, Chapter 119, copies of all Bids are available for public inspection thirty (30) days after the opening of Bids or on the date of Award announcement, whichever is earlier. Bidders may review opened Bids once they are available for public inspection by contacting the designated Buyer or JEA's Public Records custodian whose contact information can be found at [jea.com](http://jea.com). JEA will post a summary of the Bid results immediately after the Bid opening.

#### **1.3.16. PROTEST OF BIDDING AND AWARD PROCESS**

Companies shall file any protests regarding this Solicitation in writing, in accordance with the JEA Purchasing Code, as amended from time to time. The JEA Purchasing Code is available online at [jea.com](http://jea.com).

#### **1.3.17. LISTING OF SUBCONTRACTORS**

JEA shall specify the major Subcontractors that the Company must list is the Company intends to use a Subcontractor to perform a portion of the Work, unless the Work will be self-performed by the Company. The Subcontractors that JEA requires to be listed is stated in the Section titled "Required Forms to Be Submitted with the Bid". The major Subcontractors shall be listed on the Subcontractors Form which is available at [jea.com](http://jea.com). Failure of the Company to submit the required Subcontractor information on the form with its Bid shall result in rejection of the Company's Bid.

The Company shall not use Subcontractors and subsuppliers/shop fabricators other than those shown on the Subcontractor Form unless it shows good cause and obtains the JEA Representative's prior written consent. If the Company plans to use Subcontractors or subsupplier/shop fabricators to perform over fifty percent (50%) of the Work, the Company shall obtain JEA's approval at least five (5) days prior to the Bid/Proposal Due Date. Failure to obtain JEA approval will disqualify the Company and result in rejection of Company's Bid/Proposal.

## **2. CONTRACT TERMS AND CONDITIONS**

### **2.1. CONTRACT DOCUMENT AND TERMS AND CONDITIONS**

Provided below are the Contract terms and conditions that will be incorporated by reference in the Contract Document executed by the Company and JEA. The Contract Document will incorporate by reference the terms contained in the Solicitation portion of this document provided in Section 1, the Contract Terms provided in Section 2; and the Technical Specifications provided in Section 3. An example of the Contract that the Company will be required to execute is available for review at [jea.com](http://jea.com).

### **2.2. DEFINITIONS**

#### **2.2.1. DEFINITIONS**

Words and terms defined in this section shall have the same meaning throughout all parts of this Solicitation and Contract Documents. Where intended to convey the meaning consistent with that set forth in its definition, a defined word or term is marked by initial capitalization. The "Technical Specifications" portion of this Solicitation may define additional words and terms where necessary to clarify the Work. Unless otherwise stated in this Solicitation and/or Contract Documents, definitions set forth in the "Technical Specifications" shall apply only within the "Technical Specifications."

#### **2.2.2. ACCEPTANCE**

JEA's written notice by the Contract Administrator to the Company that all Work as specified in the Contract, or a portion of the Work as specified in a Task or Work Order, has been completed to JEA's satisfaction. Approval or recognition of the Company meeting a Milestone or interim step does not constitute Acceptance of that portion of Work. Acceptance does not in any way limit JEA's rights under the Contract or applicable laws, rules and regulations.

#### **2.2.3. ADDENDUM/ADDENDA**

A written change or changes to the Solicitation which is issued by JEA Procurement Services and is incorporated into the Solicitation as a modification, revision and/or further clarification of the intent of the Solicitation.

#### **2.2.4. ANNIVERSARY DATE**

The date which is twelve (12) months after the effective date of the Contract, and each date which is twelve (12) months after an Anniversary Date that occurs while the Contract is in effect.

#### **2.2.5. AWARD**

The written approval of the JEA Awards Committee that the procurement process for the purchase of the Work was in accordance with the JEA Procurement Code and Florida Statutes. Once an Award is approved, JEA will either issue a Purchase Order or execute a Contract with the successful bidder or proposer.

#### **2.2.6. BID DOCUMENTS**

The forms required to be submitted to JEA as the Company's offer to perform the Work or Services described herein. The Bid Documents can include, but is not limited to, the Bid Form, Bid Workbook, Minimum Qualifications Form, certifications and/or other required submittals. The Bid Documents may also be referred to as the "Bid Form".

#### **2.2.7. BID OR PROPOSAL**

The document describing the Bidder's offer submitted in response to this Solicitation. Bid and Proposal shall be considered synonymous for the purpose of this Contract.

#### **2.2.8. BID PRICE**

The total dollar amount of the Bidder's offer to successfully perform the Work or Services in accordance with the Contract Documents.

#### **2.2.9. BIDDER OR PROPOSER**

The respondent to this Solicitation. Bidder and Proposer shall be considered synonymous for the purpose of this Solicitation.

#### **2.2.10. CHANGE ORDER**

A written order issued after execution of the Contract to the Company signed by the Contract Administrator, or his designated representative, authorizing an addition, deletion, or revision of the Work, or an adjustment in the Contract Price or the Contract Time. Change Orders do not authorize expenditures greater than the monies encumbered by JEA, which is shown on the associated Purchase Order(s). An executed Change Order resolves all issues related to price and time for the Work included in the Change Order. A Change Order that involves a material change to the Contract may result in a Contract Amendment.

#### **2.2.11. COMPANY**

The legal person, firm, corporation or any other entity or business relationship with whom JEA has executed the Contract. Where the word "Company" is used it shall also include permitted assigns. Prime Contractor, Contractor, Vendor, Supplier and Company shall be considered synonymous for the purpose of the Contract.

#### **2.2.12. COMPANY REPRESENTATIVE**

The individual responsible for representing the Company in all activities concerning the fulfillment and administration of the Contract.

#### **2.2.13. COMPANY SUPERVISOR**

The individual, employed or contracted by the Company, to manage the Work on a day-to-day basis and ensure the Work is performed according to the Contract. The Company Supervisor may be authorized by the Company Representative to act on Contract matters. Such authorization shall be in writing and delivered to the Contract Administrator and shall clearly state the limitations of any such authorization. In the event that the Company Supervisor and the Company Representative is the same person, the Company shall notify the Contract Administrator of such situation.

#### **2.2.14. CONTRACT**

An agreement between JEA and the Company, signed by both parties, which incorporates all the Contract Documents. The Contract shall not be altered without an Amendment to the Contract and executed by JEA and the Company, or a JEA issued Change Order.

#### **2.2.15. CONTRACT ADMINISTRATOR**

The individual assigned by JEA to have authority to administer the Contract, including the authority to negotiate all elements of the Contract with the Company, authorize Change Orders within the maximum amount awarded, terminate the Contract, seek remedies for nonperformance including termination, and otherwise act on behalf of JEA in all matters regarding the Contract. The Contract Administrator may authorize JEA Representative in writing to make minor changes to the Work with the intent of preventing Work disruption.

#### **2.2.16. CONTRACT DOCUMENTS**

Contract Documents, also referred to as the "Contract" means the executed Contract, all Solicitation documents and Bid Documents as further described in the Section of the Solicitation titled "Contract Documents", and any written Change Orders, amendments or Purchase Orders executed by JEA, and insurance and/or bonds as required by the Contract.

#### **2.2.17. CONTRACT PRICE**

The total amount payable to the Company during the initial Term of the Contract. However, this amount is not a guaranteed amount. Also referred to as the "Maximum Indebtedness" of JEA.

#### **2.2.18. CONTRACT TIME (MAINTENANCE)**

The number of calendar days or the period of time from when the written Notice to Proceed is issued to the Company, to the date Company has agreed to complete the Work, as set forth in the Contract Documents.

#### **2.2.19. CONTRACTOR**

The legal person, firm, corporation or any other entity or business relationship with whom JEA has executed the Contract. Where the word "Contractor" is used it shall also include permitted assigns. Contractor and Company shall be considered synonymous for the purpose of the Contract.

#### **2.2.20. DEFECT**

Work that fails to reach Acceptance, or Work that fails meet the requirements of any required test, inspection or approval, and any Work that meets the requirements of any test or approval, but nevertheless does not meet the requirements of the Contract Documents.

#### **2.2.21. FINAL COMPLETION**

The point in time after JEA makes the determination that the Work is completed and there is Acceptance by JEA, and the Company has fulfilled all requirements of the Contract Documents.

#### **2.2.22. HOLIDAYS**

The following days: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Day after Thanksgiving, Christmas Eve Day, and Christmas Day.

#### **2.2.23. INVOICE**

A document seeking payment to Company from JEA for all or a portion of the Work, in accordance with the Contract Documents, and including at a minimum the following items: the Company's name and address, a description of the product(s) or service(s) rendered, a valid JEA PO number, the amount payable, the Unit Price, the payee name and address, any associated JSEB forms and any other supporting documentation required by the Contract Documents.

#### **2.2.24. JEA**

JEA on its own behalf, and when the Work involves St. Johns River Power Park (SJRPP), as agent for Florida Power and Light Company (FPL). JEA and FPL are co-owners of SJRPP.

#### **2.2.25. JEA REPRESENTATIVES**

The Contract Administrator, Contract Inspector, Contract Administrator's Representative, JEA Engineer, Field Engineer, Project Manager, and other persons designated by the Contract Administrator as JEA Representatives acting in a capacity related to the Work or Contract under the authority of the Contract Administrator.

#### **2.2.26. PURCHASE ORDER (PO)**

A commercial document issued by JEA, authorizing work, indicating types, quantities, and agreed prices for products or services the Company will provide to JEA. Sending a PO to a Company constitutes a legal offer to buy products or services. The words "Purchase Order" are clearly marked across the top, a PO number is used for reference and invoicing purposes, includes an authorized JEA signature, and states the dollar amount of the lawfully appropriated funds.

#### **2.2.27. QUALITY ASSURANCE**

Actions that JEA takes to assess the Company's performance under the Contract.

#### **2.2.28. QUALITY CONTROL**

Actions that the Company takes to ensure it successfully completes the Work in full accordance with the Contract Documents.

#### **2.2.29. SOLICITATION**

The documents (which may be electronic) issued by JEA's Procurement Department to solicit Bids from Bidders that includes, but is not limited to, the Bid Documents, Bid Workbook, samples of documents, contractual terms and conditions, the Technical Specifications, and associated Addenda.

#### **2.2.30. SUBCONTRACTOR**

The legal person, firm, corporation or any other entity or business relationship that provides a portion of the work, or provides supplies and materials, to the Company which has an executed Contract with JEA. JEA is not in privity of contract with the Subcontractor.

#### **2.2.31. SUBSTANTIAL COMPLETION (DEFINITION)**

The time when JEA determines that the Work (or a specified part thereof) is substantially complete, in accordance with the Contract Documents. Additionally, all work other than incidental corrective and incidental punch list work items shall be completed. Substantial Completion shall not have been achieved if all systems and parts are not functional, if utilities are not connected and operating normally, if all required regulatory permits and approvals have not been issued, or if all vehicular and pedestrian traffic routes affected by the Work have not been restored. The date of Substantial Completion shall be established in writing by JEA. Recognition of the Work as Substantially

Complete, as evidenced by issuance of a Certificate of Substantial Completion, does not represent JEA's Acceptance of the Work.

#### **2.2.32. TASK ORDER**

A document that describes the Work or describes a series of tasks that the Company will perform in accordance with the Contract Documents. A Task Order may be issued as an attachment to a Purchase Order, but the Task Order is neither a Purchase Order, nor a Notice to Proceed.

#### **2.2.33. TERM**

The period of time during which the Contract is in force or until the Contract's Maximum Indebtedness is reached, whichever occurs first.

#### **2.2.34. UNIT PRICES**

The charges to JEA for the performance of each respective unit of Work as stated in the Response Workbook, Bid Form, or Proposal Form, and incorporated into the Contract Documents.

#### **2.2.35. WORK LOCATION (DEFINITION)**

The place or places where the Work is performed, excluding the properties of the Company and/or the Subcontractor(s).

#### **2.2.36. WORK OR SCOPE OF SERVICES**

Work includes as defined in the Contract Documents all actions, products, documentation, electronic programs, reports, testing, transport, administration, management, services, materials, tools, equipment, and responsibilities to be furnished or performed by the Company under the Contract, together with all other additional necessities that are not specifically recited in the Contract, but can be reasonably inferred as necessary to complete all obligations and fully satisfy the intent of the Contract.

### **2.3. CONTRACT DOCUMENTS**

#### **2.3.1. ORDER OF PRECEDENCE**

The Contract shall consist of JEA's Contract and/or Purchase Order together with the Solicitation including, but not limited to, the executed Bid Documents, which shall be collectively referred to as the Contract Documents. This Contract is the complete agreement between the parties. Parol or extrinsic evidence will not be used to vary or contradict the express terms of this Contract. The Contract Documents are complementary; what is called for by one is binding as if called for by all. The Company shall inform JEA in writing of any conflict, error or discrepancy in the Contract Documents upon discovery. Should the Company proceed with the Work prior to written resolution of the error or conflict by JEA, all Work performed is at the sole risk of the Company. JEA will generally consider this precedence of the Contract Documents in resolving any conflict, error, or discrepancy:

- o Executed Contract Amendments
- o Exhibits to Contract Documents
- o Executed Contract Documents
- o Purchase Order(s)
- o Addenda to JEA Solicitation
- o Drawings associated with this Solicitation
- o Exhibits and Attachments to this Solicitation
- o Technical Specifications associated with this Solicitation
- o This Solicitation

- o Bid Documents
- o References

The figure dimensions on drawings shall govern over scale dimensions. Contract and detailed drawings shall govern over general drawings. The Company shall perform any Work that may reasonably be inferred from the Contract as being required whether or not it is specifically called for. Work, materials or equipment described in words that, so applied, have a well-known technical or trade meaning shall be taken as referring to such recognized standards.

## **2.4. PRICE AND PAYMENTS**

### **2.4.1. PAYMENTS**

#### **2.4.1.1. PAYMENT METHOD - PROGRESS PAYMENTS**

The Contract shall be Awarded base on a lump sum which will be paid by JEA based on the Company's completion and JEA's Acceptance of defined Milestones.

Upon Company's completion of and JEA's Acceptance of the completion of each predetermined Milestone, the Company shall submit to JEA an Invoice for the amount/percentage of the Work or Services completed corresponding to that Milestone.

The Milestone payments that are associated with the Work or Services are as follows:

APPROVAL OF DESIGN DRAWINGS	10%
MANUFACTURING RELEASE	20%
MANUFACTURING COMPLETE	30%
INSTALLATION COMPLETE	30%
PROJECT COMPLETION	10%

#### **2.4.2. INVOICING AND PAYMENT TERMS**

Within sixty (60) days from completion of the Work, the Company shall submit all Invoices or Applications for Payment in accordance with the payment method agreed upon in these Contract Documents. Invoices shall be submitted to the following address:

JEA Accounts Payable  
P.O. Box 4910  
Jacksonville, FL 32201-4910

JEA will pay the Company the amount requested within thirty (30) calendar days after receipt of an Invoice from the Company subject to the provisions stated below.

JEA may reject any Invoice or Application for Payment within twenty (20) calendar days after receipt. JEA will return the Invoice or Application for Payment to the Company stating the reasons for rejection. Upon receipt of an acceptable revised Invoice or Application for Payment, JEA will pay the Company the revised amount within ten (10) days.

JEA may withhold payment if the Company is in violation of any conditions or terms of the Contract Documents.

In the case of early termination of the Contract, all payments made by JEA against the Contract Price prior to notice of termination shall be credited to the amount, if any, due the Company. If the parties determine that the sum of all



previous payments and credits exceeds the sum due the Company, the Company shall refund the excess amount to JEA within ten (10) days of determination or written notice.

#### **2.4.3. JSEB - INVOICING AND PAYMENT**

If the Company utilizes JSEB certified firms, regardless of whether these Contract Documents require or encourage the use of such firms, the Company shall Invoice for and report the use of JSEB certified firms according to the format and guidelines established by the City of Jacksonville.

#### **2.4.4. COST SAVINGS PLAN**

During the Term of this Contract, JEA and Company are encouraged to identify ways to reduce the total cost to JEA related to the Work provided by the Company ("Cost Savings Plan"). JEA and Company may negotiate Amendments to this Contract that support and allow such reductions in total costs including, but not limited to, the sharing of savings resulting from implementation of cost-reducing initiatives between JEA and Company. The decision to accept any cost savings plan shall be in the sole discretion of JEA, and JEA shall not be liable to Company for any cost that may be alleged to be related to a refusal to accept a Cost Savings Plan proposed by Company.

#### **2.4.5. DISCOUNT PRICING**

JEA offers any or all of the following option payment terms, one of which may be executed at the request of the Company by sending an email to the JEA Buyer listed in this Solicitation:

- o 1% 20, net 30
- o 2% 10, net 30

Company may request alternate payment terms for JEA's consideration, however, alternate payment terms are not effective until acceptance by JEA in writing. Please note, all payment dates are calculated from the date of the Invoice receipt by JEA's Accounts Payable.

#### **2.4.6. PROMPT PAYMENT TO SUBCONTRACTORS, SUB-SUBCONTRACTORS AND SUPPLIERS**

When the Company receives payment from JEA for labor, services or materials furnished by Subcontractors and suppliers that are hired by the Company, the Company shall remit payment due (less proper retainage) to those Subcontractors and suppliers within 10 days after the Company's receipt of payment from JEA. Nothing herein shall prohibit the Company from disputing, pursuant to the terms hereof, all or any portion of a payment alleged to be due to its Subcontractors and suppliers. In the event of such dispute, the Company may withhold the disputed portion of any such payment only after the Company has provided written notice to JEA and to the Subcontractor and supplier whose payment is in dispute, stating the amount in dispute and specifically describing the actions required to cure the dispute. The Company shall deliver such notice to JEA and to the said Subcontractor or supplier within 10 days following the Company's receipt of payment from JEA. The Company shall pay all undisputed amounts due within the time frames specified herein.

The prompt payment requirements herein shall, in no way, create any contractual relationship or obligation between JEA and any Subcontractor, supplier, JSEB, or any third-party, nor create any JEA liability for the Company's failure to make timely payments as required. The Company's failure to comply with the prompt payment requirements, however, shall constitute a material breach of its contractual obligations to JEA. As a result of such breach, JEA, without waiving any other available remedy it may have against the Company, may issue joint checks and charge the Company a 0.2% daily late payment interest charge or charges as specified within the Florida Statutes, whichever is greater.

#### **2.4.7. OFFSETS**

In case the Company is in violation of any requirement of the Contract, JEA may withhold payments that may be due the Company, and may offset existing balances with any JEA incurred costs against funds due the Company under this and any other Company Contract with JEA, as a result of the violation, or other damages as allowed by the Contract Documents and applicable law.

#### **2.4.8. TAXES**

JEA is authorized to self-accrue the Florida Sales and Use Tax and is exempt from Manufacturer's Federal Excise Tax when purchasing tangible personal property for its direct consumption.

### **2.5. SCHEDULES, REPORTING REQUIREMENTS**

#### **2.5.1. WORK SCHEDULES**

The Approved Schedule is referenced in the Technical Specifications attached to this Solicitation.

The Company shall, at no additional cost to JEA, increase or supplement its working force and equipment and perform the Work on an overtime or multiple shift basis when directed by JEA and upon notification that the Company is behind schedule. The Company shall submit a revised schedule in writing demonstrating the Company's schedule recovery plans.

The Company understands and agrees that the rate of progress set forth in the Approved Schedule already allows for ordinary delays incident to the Work. No extension of the Contract Term will be made for ordinary delays, inclement weather, or accidents, and the occurrence of such events will not relieve the Company from requirement of meeting the approved schedule.

#### **2.5.2. REPORTING**

The Company shall provide the reports as defined in the Contract Documents.

Where the reporting frequency is daily, reports shall be submitted by noon of the following workday. Where the reporting frequency is weekly, reports are due by Monday at noon, covering the prior workweek. Where Monday is a Holiday, the reports are due at noon on the next workday. Where reports are due monthly, reports are due by noon on the first business day of each month. Sample forms for reports may be included in the Contract Documents. Where they are included they are to be used. Where they are not included, the Company shall provide a sample of its proposed report format for each report to the Contract Administrator at least one-week prior to its initial due date. The Contract Administrator will review and either approve or reject use of the report. Where proposed report is rejected, Company shall resubmit revised report formats, until Contract Administrator approves format. Reporting cycle shall begin upon PO date, or, if used, date of Notice to Proceed.

Where the Contract calls for reports to be submitted by Company, such reports shall be in both paper and electronic format, with the electronic version submitted electronically via email to the Contract Administrator.

### **2.6. WARRANTIES AND REPRESENTATIONS**

#### **2.6.1. WARRANTY (MAINTENANCE)**

The Company unconditionally warrants to JEA for a period of not less than **TWO (2) year(s)** from the date of JEA Acceptance, that all Work furnished under the Contract, including but not limited to, materials, equipment, goods, workmanship, labor, services, and intellectual property, including derivative works shall be:

- Performed in a safe, professional and workman-like manner; and
- Free from Defects in design, material, and workmanship; and
- Fit for the use and purpose specified or referred to in the Contract; and
- Suitable for any other use or purpose as represented in writing by the Company; and
- In conformance with the Contract Documents; and
- Merchantable, new and of first-class quality.
- Conform to all applicable standards and regulations promulgated by federal, state, local laws and regulations, standards boards, organizations of the Department of State, and adopted industry association standards.

#### Labor/Services:

At JEA's option, if the Company performs labor/services that fails to conform to the above mentioned warranties, JEA may correct the Defect at the Company's expense if the Company fails to make the appropriate corrections within a reasonable time upon notice by JEA, or JEA may return the Work at the Company's expense and terminate the Contract.

#### Materials, Supplies or Goods:

At JEA's option, if the Company provides materials, supplies, or goods that fail to conform to the above mentioned warranties, JEA may correct the Defect at the Company's expense if the Company fails to make the appropriate corrections within a reasonable time upon notice by JEA, or JEA may return the Work for correction or replacement at the Company's expense, or JEA may return the Work at the Company's expense and terminate the Contract.

If, within the warranty period, JEA determines that any of the materials, supplies or goods are defective or exhibit signs of excess deterioration, the Company, at its own expense, shall repair, adjust, or replace the defective Work to the complete satisfaction of JEA. The Company shall pay all costs of removal, transportation, reinstallation, repair, and all other associated costs incurred in connection with correcting such Defects in the Work. The Company shall correct any Defects only at times designated by JEA. The Company shall extend the warranty period an additional 12 months for any portion of the Work that has undergone warranty repair or replacement, but in no case shall the maximum warranty be extended beyond thirty six (36) months.

If Work includes items covered under a manufacturer's or Subcontractor's warranty that exceeds the requirements stated herein, Company shall transfer such warranty to JEA. Such warranties, do not in any way limit the warranty provided by the Company to JEA.

JEA may repair or replace any defective Work at the Company's expense when the Company fails to correct the Defect within a reasonable time of receiving written notification of the Defect by JEA, when the Company is unable to respond in an emergency situation, or when necessary to prevent JEA from substantial financial loss. Where JEA makes repairs or replaces defective Work, JEA will issue the Company a written accounting and invoice of all such work to correct Defects.

Where spare parts may be needed, Company warrants that spare parts will be available to JEA for purchase for at least seventy-five percent (75%) of the stated useful life of the product.

The Company's warranty excludes remedy for damage or Defect caused by abuse, improper or insufficient maintenance, improper operation, or wear and tear under normal usage.

## **2.7. INSURANCE, INDEMNITY AND RISK OF LOSS**

### **2.7.1. INSURANCE**

#### **INSURANCE REQUIREMENTS**

Before starting and until Acceptance of the Work by JEA, and without further limiting its liability under the Contract, Company shall procure and maintain at its sole expense, insurance of the types and in the minimum amounts stated below:

##### Workers' Compensation

Florida Statutory coverage and Employer's Liability (including appropriate Federal Acts); Insurance Limits: Statutory Limits (Workers' Compensation) \$500,000 each accident (Employer's Liability).

##### Commercial General Liability

Premises-Operations, Products-Completed Operations, Contractual Liability, Independent Contractors, Broad Form Property Damage, Explosion, Collapse and Underground, Hazards (XCU Coverage) as appropriate; Insurance Limits: \$1,000,000 each occurrence, \$2,000,000 annual aggregate for bodily injury and property damage, combined single limit.

##### Automobile Liability

All autos-owned, hired, or non-owned; Insurance Limits: \$1,000,000 each occurrence, combined single limit.

##### Excess or Umbrella Liability

**(This is additional coverage and limits above the following primary insurance: Employer's Liability, Commercial General Liability, and Automobile Liability);** Insurance Limits: \$4,000,000 each occurrence and annual aggregate.

Company's Commercial General Liability and Excess or Umbrella Liability policies shall be effective for two (2) years after Work is complete. The Indemnification provision provided herein is separate and is not limited by the type of insurance or insurance amounts stated above.

Company shall specify JEA as an additional insured for all coverage except Workers' Compensation and Employer's Liability. Such insurance shall be primary to any and all other insurance or self-insurance maintained by JEA. Company shall include a Waiver of Subrogation on all required insurance in favor of JEA, its board members, officers, employees, agents, successors and assigns.

Such insurance shall be written by a company or companies licensed to do business in the State of Florida and satisfactory to JEA. Prior to commencing any Work under this Contract, certificates evidencing the maintenance of the insurance shall be furnished to JEA for approval. Company's and its subcontractors' Certificates of Insurance shall be mailed to JEA (Attn. Procurement Services), Customer Care Center, 6th Floor, 21 West Church Street, Jacksonville, FL 32202-3139.

The insurance certificates shall provide that no material alteration or cancellation, including expiration and non-renewal, shall be effective until thirty (30) days after receipt of written notice by JEA.

Any subcontractors of Company shall procure and maintain the insurance required of Company hereunder during the life of the subcontracts. Subcontractors' insurance may be either by separate coverage or by endorsement under insurance provided by Company. Note: Any JSEB firms identified by Bidders for this Solicitation are considered "Subcontractors" under the direct supervision of the Prime or General Contractor (herein referred to as "Company").

Companies should show good faith efforts in providing assistance to JSEB firms in the securing of the Subcontractors' insurance requirements stated herein. Company shall submit subcontractors' certificates of insurance to JEA prior to allowing Subcontractors to perform Work on JEA's job sites.

### **Builder's Risk**

During construction of the CT 1 Exhaust Stack Silencer Replacement at Brandy Branch Generating Station (hereinafter referred to as "Project"), JEA shall provide All Risk Builder's Risk insurance at its sole expense (insurance premiums and insurance deductible unless otherwise specified in this Section 2.7.1) for itself, Company and its Subcontractors of all tiers while performing Work at JEA's Project site (Brandy Branch Generating Station, 15701 West Beaver Street, Jacksonville, FL 32234). The planned period of coverage for this Builder's Risk insurance is estimated to begin on or about March 1, 2018. JEA shall obtain a Waiver of Subrogation on this Builder's Risk insurance in favor of Company and its Subcontractors, including their employees, agents, successors and assigns. Certificate of Insurance shall be issued to Company and its Subcontractors on request to JEA's Director Risk Management Services at (904) 665-781. JEA's Builder's Risk insurance does not provide coverage for loss or damage for either: (a) Company's or its Subcontractors' tools, equipment, personal property, protective fencing, scaffolding, temporary structures, framework, forms and equipment owned, leased, rented or borrowed by Company and its Subcontractors or (b) materials, supplies and equipment in transit to JEA's Project site or located on JEA's Project site which does not become a permanent part of JEA's Brandy Branch Generating Station. JEA's Builder's Risk insurance shall be excess above any other property insurance or self-insurance maintained by vendors and suppliers who have agreed to be responsible for risk of loss for JEA's equipment, materials and supplies (F.O.B. destination: JEA's Project site).

Company and its Subcontractors shall be responsible to reimburse JEA for the first \$100,000.00 (each occurrence) of any property damage to the Work at JEA's Project site, including JEA's existing Brandy Branch Generating Station, caused by the negligence, error or omission of Company and its Subcontractors. This reimbursement requirement applies regardless if an insurance claim is submitted to Factory Mutual Insurance Company above JEA's Builder's Risk property insurance deductibles. All other insurance deductibles are the responsibility of JEA.

## **2.7.2. INDEMNIFICATION, RISK OF LOSS, INSURANCE & BONDS**

### **2.7.2.1. TITLE AND RISK OF LOSS**

The Company shall assume all risk of loss or damage to the Work until such time that JEA issues written notice of Final Acceptance, subject to JEA's Builder's Risk Insurance Section 2.7.1 of this Solicitation.

JEA's receipt or delivery of any equipment or other materials will not constitute JEA's Final Acceptance of any such items and will not constitute a waiver by JEA of any right, claim or remedy.

Ownership of the Work shall pass to JEA upon written notice of Final Acceptance.

### **2.7.3. BOND AMOUNT**

The Company shall furnish a Payment Bond and Performance Bond in the amount of indicated on the Bid Form, made out to JEA in forms and formats approved and provided by JEA, as security for the faithful performance of the Work of Contract. JEA will send the approved bond forms to the Company for execution along with the Contract, however, in no case shall the date on the bond forms be prior to that of the executed Contract. The surety must be authorized and licensed to transact business in Florida. A fully executed Payment Bond and Performance Bond must be recorded with the Clerk of Duval County Court and delivered to JEA before JEA will issue a Purchase Order to begin the Work. No Purchase Order shall be issued until the Payment and Performance Bonds are recorded and delivered to the JEA Procurement Department. If the Company fails or refuses to furnish or record the required bonds, JEA will retain the Company's Bid Bond as liquidated damages.

### **2.7.1. NOTIFICATION OF SURETY**

The Company shall notify its surety of any changes affecting the general scope of the Work or altering the Contract Price. The amount of the applicable bonds shall be adjusted accordingly and the Company shall furnish proof of such adjustment to JEA within ten (10) days of date of Purchase Order.

### **2.7.2. ENVIRONMENTAL INDEMNIFICATION**

The Company shall hold harmless and indemnify JEA, including without limitation, its officers, directors, members, representatives, affiliates, agents and employees, successors and assigns (the "Indemnified Parties") and will reimburse the Indemnified Parties from and against any and all claims, suits, demands, judgments, losses, costs, fines, penalties, damages, liabilities and expenses (including all costs of cleanup, containment or other remediation, and all costs for investigation and defense thereof including, but not limited to, court costs, reasonable expert witness fees and attorney fees) arising from or in connection with (a) the Company's, including, but not limited to, its agents, affiliates or assigns ("Parties"), actions or activities that result in a violation of any environmental law, ordinance, rule, or regulation or that leads to an environmental claim or citation or to damages due to the Company's or other Parties' activities, (b) any environmental, health and safety liabilities arising out of or relating to the operation or other activities performed in connection with this Contract by the Company or any Party at any time on or after the effective date of the Contract, or (c) any bodily injury (including illness, disability and death, regardless of when any such bodily injury occurred, was incurred or manifested itself), personal injury, property damage (including trespass, nuisance, wrongful eviction and deprivation of the use of real property) or other damage of or to any person in any way arising from or allegedly arising from any hazardous activity conducted by the Company or any Party. JEA will be entitled to control any remedial action, any proceeding relating to an environmental claim. This indemnification agreement is separate and apart from, and is in no way limited by, any insurance provided pursuant to this Contract or otherwise. This section relating to indemnification shall survive the Term of this Contract, and any holdover and/or Contract extensions thereto, whether such Term expires naturally by the passage of time or is terminated earlier pursuant to the provisions of this Contract.

### **2.7.3. INDEMNIFICATION (JEA STANDARD)**

For ten dollars (\$10.00) acknowledged to be included and paid for in the contract price and other good and valuable considerations, the Company shall hold harmless and indemnify JEA against any claim, action, loss, damage, injury, liability, cost and expense of whatsoever kind or nature (including, but not by way of limitation, reasonable attorney's fees and court costs) arising out of injury (whether mental or corporeal) to persons, including death, or damage to property, arising out of or incidental to the negligence, recklessness or intentional wrongful misconduct of the Company and any person or entity used by Company in the performance of this Contract or Work performed thereunder. For purposes of this Indemnification, the term "JEA" shall mean JEA as a body politic and corporate and shall include its governing board, officers, employees, agents, successors and assigns. This indemnification shall survive the term of a Contract entered into pursuant to this solicitation, for events that occurred during the Contract term. This indemnification shall be separate and apart from, and in addition to, any other indemnification provisions set forth elsewhere in this Contract.

## **2.8. DELAYS & ACCEPTANCE**

### **2.8.1. DELAY IN ACCEPTANCE OR DELIVERY**

JEA may delay delivery or acceptance of goods in the event of any unforeseen event. The Company shall hold the goods pending JEA's direction, and JEA will be liable only for direct increased costs incurred by the Company by reason of JEA's instructions.

## **2.8.2. ACCEPTANCE OF WORK - RECEIPT, INSPECTION, USAGE AND TESTING**

The Contract Administrator will make the determination when Work is completed and there is Acceptance by JEA. Acceptance will be made by JEA only in writing, and after adequate time to ensure Work is performed in accordance with Contract Documents. JEA will reject any items delivered by Company that are not in accordance with the Contract, and shall not be deemed to have accepted any items until JEA has had reasonable time to inspect them following delivery or, if later, within a reasonable time after any latent defect in the items has become apparent. JEA may partially accept the Work items. If JEA elects to accept nonconforming items, it may in addition to other remedies, be entitled to deduct a reasonable amount from the price as compensation for the nonconformity. Any Acceptance by JEA, even if unconditional, shall not be deemed a waiver, or settlement or acceptance of any Defect.

Items specifically required prior to Acceptance are: SEE TECHNICAL SPECIFICATIONS.

## **2.9. TERM AND TERMINATION**

### **2.9.1. TERM**

#### **2.9.1.1. TERM OF CONTRACT - THROUGH COMPLETION OF WORK**

The Contract shall be in force through completion of all Work, Acceptance and final payment, including resolution of all disputes, claims, or suits, if any. Certain provisions of this Contract may extend past termination including, but not limited to, Warranty and Indemnification provisions.

This Contract, after the initial year, shall be contingent upon the existence of lawfully appropriated funds for each subsequent year of the Contract.

#### **2.9.2. TERMINATION FOR CONVENIENCE**

JEA shall have the absolute right to terminate the Contract in whole or part, with or without cause, at any time after the Award effective date upon written notification of such termination.

In the event of termination for convenience, JEA will pay the Company for all disbursements and expenses that the Company has incurred, or has become obligated prior to receiving JEA's notice of termination.

Upon receipt of such notice of termination, the Company shall stop the performance of the Work hereunder except as may be necessary to carry out such termination and take any other action toward termination of the Work that JEA may reasonably request, including all reasonable efforts to provide for a prompt and efficient transition as directed by JEA.

JEA will have no liability to the Company for any cause whatsoever arising out of, or in connection with, termination including, but not limited to, lost profits, lost opportunities, resulting change in business condition, except as expressly stated within these Contract Documents.

#### **2.9.3. TERMINATION FOR DEFAULT (WITH A BOND)**

JEA may give the Company written notice to discontinue all or part of the Work under the Contract or a Notice to Cure a material breach in the event that:

- o The Company assigns or subcontracts the Work without prior written permission;
- o Any petition is filed or any proceeding is commenced by or against the Company for relief under any bankruptcy or insolvency laws;
- o A receiver is appointed for the Company's properties or the Company commits any act of insolvency (however evidenced);

- o The Company makes an assignment for the benefit of creditors;
- o The Company suspends the operation of a substantial portion of its business;
- o The Company suspends the whole or any part of the Work to the extent that it impacts the Company's ability to meet the Work schedule, or the Company abandons the whole or any part of the Work;
- o The Company, at any time, violates any of the conditions or provisions of the Contract Documents, or the Company fails to perform as specified in the Contract Documents, or the Company is not complying with the Contract Documents;
- o The Company attempts to willfully impose upon JEA items or workmanship that are, in JEA's sole opinion, defective or of unacceptable quality;
- o The Company breaches any of the representations or warranties;
- o The Company is determined, in JEA's sole opinion, to have misrepresented the utilization of funds or misappropriate property belonging to JEA; or
- o There is an adverse material change in the financial or business condition of the Company.

If within thirty (30) days after service of such notice to discontinue or notice to cure upon the Company an arrangement satisfactory to JEA has not been made by the Company for continuance of the Work or the material breach has not been remedied, JEA may declare the Company to be in default and terminate the Contract.

Once Company is declared in default and the Contract has been terminated, JEA will notify the Surety in writing of the termination. The Surety shall, at JEA's sole option take one (1) of the following actions:

- (a) Within a reasonable time, but in no event later than thirty (30) days, from JEA's written notice of termination for default, arrange for Company with JEA's consent, which shall not be unreasonably withheld, to complete the Contract and the Surety shall pay JEA all losses, delay and disruption damages and all other damages, expenses, costs and statutory attorney's fees, including appellate proceedings, that JEA sustains because of a default by the Company under the Contract;
- (b) Within a reasonable time, but in no event longer than sixty (60) days after JEA's written notice of termination for default, award a contract to a completion contractor and issue notice to proceed or alternatively, JEA may elect, to have the Surety determine jointly with JEA the lowest responsible qualified bidder, to have the Surety arrange for a contract between such bidder and JEA, and for the Surety to make available as Work progresses sufficient funds to pay the cost of completion less the balance of the Contract price; or
- (c) Within a reasonable time, but in no event later than thirty (30) days from JEA's notice of termination for default, JEA may waive its right to complete or arrange for completion of the Contract and, within twenty-one (21) days thereafter, determine the amount for which the Surety may be liable to JEA and tender payment to JEA of any amount necessary in order for JEA to complete performance of the Contract in accordance with its terms and conditions less the balance of the Contract price.

JEA shall have the right to take possession of and use any of the materials, plant, tools, equipment, supplies and property of any kind provided by the Company for the purpose of this Work.

JEA will charge the expense of completing the Work to the Company and will deduct such expenses from monies due, or which at any time thereafter may become due, to the Company. If such expenses are more than the sum that would otherwise have been payable under the Contract, then the Company or Surety shall pay the amount of such excess to JEA upon notice of the expenses from JEA. JEA shall not be required to obtain the lowest price for completing the Work under the Contract, but may make such expenditures that, in its sole judgment, shall best



accomplish such completion. JEA will, however, make reasonable efforts to mitigate the excess costs of completing the Work.

The Contract Documents shall in no way limit JEA's right to all remedies for nonperformance provided under law or in equity, except as specifically set forth herein. In the event of termination for nonperformance, the Company shall immediately surrender all Work records to JEA. In such a case, JEA may set off any money owed to the Company against any liabilities resulting from the Company's nonperformance.

JEA has no responsibility whatsoever to issue notices of any kind, including but not limited to deficient performance letters and scorecards, to the Company regarding its performance prior to default by Company for performance related issues.

JEA shall have no liability to the Company for termination costs arising out of the Contract, or any of the Company's subcontracts, as a result of termination for default.

Immediately upon termination or expiration of this Contract, Company must return to JEA all materials, documents and things used by Company and belonging to JEA, including proposals, computer files, borrower files, building keys, and any other property or information regarding continued business compliance or goodwill, whether in electronic or hard-copy form. Furthermore, upon JEA's request, Company shall certify in writing that all of the foregoing documents or materials, including archival or backup copies, whether in electronic or hard-copy form, have been returned to JEA, deleted from any computer system, or otherwise destroyed.

## **2.10. PRELIMINARY MATTERS**

### **2.10.1. WORK LOCATION**

Work shall be performed at the following location(s): BRANDY BRANCH GENERATING STATION 15701 Beaver Street West. Jacksonville, Florida 32234

### **2.10.2. UNFORESEEN CONDITIONS**

The Company understands and agrees that it is its responsibility to conduct due diligence prior to the Work. Such due diligence includes, but is not limited to, verifying all Work conditions, measurements, dimensions and latent and patent obstructions, the accuracy of drawings, test results, inspections and other informational materials provided in the Contract Documents, and any other causes for existing or potential changes to the Work prior to initiating the Work. In the event that the Work must be changed due to the Company's failure to fulfill the above requirements, the Company understands and agrees that it will be responsible for all costs associated with the changed condition.

In the event, however, that the Company exercises the requisite due diligence and a change to the Work becomes necessary resulting from conditions that are clearly unforeseen and that could not have been discovered, the costs for adjusting the Work in response to such unforeseen conditions shall be addressed in a Change Order or an amendment to the Contract executed by JEA and Company. Any Work the Company performs prior to receipt of such Change Order or approved Contract amendment will be at the Company's sole risk.

### **2.10.3. LICENSES**

The Company shall comply with all licensing, registration and/or certification requirements pursuant to applicable laws, rules and regulations. The Company shall secure all licenses, registrations and certifications as required for the performance of the Work and shall pay all fees associated with securing them. The Company shall produce written evidence of licenses and other certifications immediately upon request from JEA.

#### **2.10.4. PRE-WORK MEETING AND PROGRESS MEETINGS**

The Contract Administrator may, at his or her discretion, request Pre-Work Meetings to be held prior to start of any Field Work. Such meeting(s) shall be attended by, but not limited to, the Company Representative and Company Supervisor. The Contract Administrator will notify the Company in writing of the meeting time and location at least two days prior to the meeting date. In addition, construction progress meetings will be held at a frequency as determined by JEA, but shall not be more often than once per week. Such meeting(s) shall be attended by, but not limited to, the Company's project manager and Company's Supervisor.

#### **2.11. CONFIDENTIALITY AND OWNERSHIP OF DOCUMENTATION**

##### **2.11.1. PROPRIETARY INFORMATION**

The Company shall not copy, reproduce, or disclose to third parties, except in connection with the Work, any information that JEA furnishes to the Company. The Company shall insert in any subcontract a restriction on the use of all information furnished by JEA. The Company shall not use this information on another project. All information furnished by JEA will be returned to JEA upon completion of the Work.

##### **2.11.2. PUBLIC RECORDS LAWS**

###### **Access to Public Records**

All Documents, data and other records received by JEA in connection with the Contract are public records and available for public inspection unless specifically exempt by law. The Company shall allow public access to all documents, data and other records made or received by the Company in connection with the Contract unless the records are exempt from Section 249(a) of Article I of the Florida Constitution or subsection 119.07(1), Florida Statutes. JEA may unilaterally terminate the Contract if the Company refuses to allow public access as required under the Contract.

###### **Redacted copies of Confidential Information**

If the Company believes that any portion of any documents, data or other records submitted to JEA are exempt from disclosure under Chapter 119, Florida Statutes, the Florida Constitution and related laws ("Florida's Public Records Laws"), Company must (1) clearly segregate and mark the specific sections of the document, data and records as "Confidential", (2) cite the specific Florida Statute or other legal authority for the asserted exemption, and (3) provide JEA with a separate redacted copy of the documents, data, or records (the "Redacted Copy"). The Redacted Copy shall contain JEA's contract name and number, and shall be clearly titled "Redacted Copy". Bidder should only redact those portions of records that Bidder claims are specifically exempt from disclosure under Florida's Public Records Laws. If the Company fails to submit a redacted copy of documents, data, or other records it claims is confidential, JEA is authorized to produce all documents, data, and other records submitted to JEA in answer to a public records request for these records.

###### **Request for Redacted Information**

In the event of a public records or other disclosure request under Florida's Public Records Laws or other authority to which the Company's documents, data or records are responsive, JEA will provide the Redacted Copy to the requestor. If a Requestor asserts a right to any redacted information, JEA will notify the Company that such an assertion has been made. It is the Company's responsibility to respond to the requestor to assert that the information in question is exempt from disclosure under applicable law. If JEA becomes subject to a demand for discovery or disclosure of the redacted information under legal process, JEA shall give the Company prompt notice of the demand prior to releasing the redacted information (unless otherwise prohibited by applicable law). The Company shall be responsible for defending its determination that the redacted portions of the information are not subject to disclosure.

###### **Indemnification for Redacted Information**

The Company shall protect, defend, and indemnify JEA from and against all claims, demands, actions, suits, damages, liabilities, losses, settlements, judgments, costs, and expenses (including but not limited to reasonable attorney's fees and costs) arising from or relating to the Company's assertion that all or any portion of its information is not subject to disclosure.

**Public Records Clause for Service Contracts**

If, under the Contract, the Company is providing services and is acting on behalf of JEA as contemplated by subsection 119.011(2), Florida Statutes, the Company shall:

- Keep and maintain public records that ordinarily and necessarily would be required by JEA in order to perform service;
- Provide the public with access to public records on the same terms and conditions that JEA would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or otherwise prohibited by law;
- Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and
- Meet all requirements for retaining public records and transfer, at no cost, to JEA all public records in possession of the Company upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically shall be provided to JEA in a format that is compatible with the information technology systems of JEA.

**IF THE COMPANY HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE COMPANY'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:**

**JEA**

**Attn: Public Records**

**21 West Church Street**

**Jacksonville, Florida 32202**

**Ph: 904-665-8606**

**publicrecords@jea.com**

**2.11.3. PUBLICITY AND ADVERTISING**

The Company shall not take any photographs, make any announcements or release any information concerning the Contract or the Work to any member of the public, press or official body unless prior written consent is obtained from JEA.

**2.12. LABOR**

**2.12.1. NONDISCRIMINATION**

The Company represents that it has adopted and will maintain a policy of nondiscrimination against employees or applicants for employment on account of race, religion, sex, color, national origin, age or handicap, in all areas of

employee relations, throughout the Term of this Contract. The Company agrees that on written request, it will allow JEA reasonable access to the Company's records of employment, employment advertisement, application forms and other pertinent data and records for the purpose of investigation to ascertain compliance with the nondiscrimination provisions of this Contract; provided however, the Company shall not be required to produce, for inspection, records covering periods of time more than one year from the effective date of this Contract.

The Company shall comply with the following executive orders, acts, and all rules and regulations implementing said orders or acts, which are by this reference incorporated herein as if set out in their entirety:

- The provisions of Presidential Order 11246, as amended, and the portions of Executive Orders 11701 and 11758 as applicable to Equal Employment Opportunity;
- The provisions of section 503 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA); and
- The provisions of the Employment and Training of Veterans Act, 38 U.S.C. 4212 (formerly 2012).

The Company agrees that if any of the Work of this Contract will be performed by a Subcontractor, then the provisions of this subsection shall be incorporated into and become a part of the subcontract.

#### **2.12.2. JEA ACCESS BADGES**

If the scope of work described in this Contract requires a Company to access JEA facilities over a period of time, each Company employee shall apply for a JEA access badge through JEA's Security Department. JEA will run a seven (7) year background check on all Company employee's that apply for a JEA access badge.

An appointment to obtain a JEA access badge can be made by contacting JEA Security at [securitybadge@jea.com](mailto:securitybadge@jea.com).

JEA does not allow Company employees to share JEA access badges. A Company whose employees are found to be sharing JEA access badges, will result in the Contract being terminated immediately for default. Additionally, JEA shall be notified within six (6) hours of a lost or stolen JEA security badge or when an employee leaves the Company. Report badge termination notifications to JEA Security at (904) 665-8200.

#### **2.12.3. JEA CRITICAL INFRASTRUCTURE PROTECTION (CIP)**

Pursuant to federal regulations, JEA is required to implement Critical Infrastructure Protection (CIP) and comply with NERC/FERC reliability standards for identified assets (collectively the "Assets"). Assets can be defined as either physical or cyber that are essential for JEA to maintain the integrity of the bulk electric system. Therefore, a Company that requires access to the Assets shall require that each of its employees, who require unescorted access apply for a JEA access badge through JEA's Security Department. Depending on which Assets a Company must access will determine the specific training and/or personal background screenings that will be required before a JEA badge can be issued. JEA will pay for reasonable costs associated with initial background screenings and training for required Company employees. However, if an initial screening is failed, the Company will be responsible for the cost of that screening and for additional screening costs related to Company employee turnover. An appointment to obtain a JEA access badge can be made by contacting JEA Security at [securitybadge@jea.com](mailto:securitybadge@jea.com).

Finally, all badges are for assigned individual use only and JEA does not allow Company employees to share JEA access badges. A Company, whose employees are found to be sharing JEA access badges, may result in the Contract being terminated for default. Additionally, JEA shall be notified within six (6) hours of a lost or stolen JEA security badge or when an employee leaves the Company and Company should bear the cost of replacement security badge. Report badge termination notifications to JEA Security at (904) 665-8200.

The language in the above paragraphs shall also apply to Company's Subcontractors, and shall be included in Company's contracts with its Subcontractors for Work or Services to be performed at JEA or SJRPP Facilities.

JEA reserves the right to modify these terms if the applicable regulations change or additional regulations become applicable. JEA will provide sufficient notice in advance for Company to adapt the updated regulations.

#### **2.12.4. LEGAL WORKFORCE**

JEA shall consider the Company's employment of unauthorized aliens a violation of section 274A(e) of the Immigration and Nationalization Act. Such violation shall be cause for termination of the Contract for default upon thirty (30) days' prior written notice of such termination, notwithstanding any other provisions to the contrary in the Contract Documents.

#### **2.12.5. PROHIBITED FUTURE EMPLOYMENT**

It shall be unlawful and a class C offense for any person, who was an officer or employee of JEA, after his or her employment has ceased, to be employed by or enter into any contract for personal services, with a person or company who contracted with, or had a contractual relationship with JEA, while the contract is active or being completed, or within two years of the cessation, completion, or termination of the person's or company's contractual relationship with JEA, where (1) the contract with JEA had a value that exceeded \$250,000.00, and (2) the officer or employee had a substantial and decision-making role in securing or negotiating the contract or contractual relationship, or in the approval of financial submissions or draws in accordance with the terms of the contract; except that this prohibition shall not apply to an employee whose role is merely as a review signatory, or to contracts entered into prior to January 1, 2008, or to contracts that have been competitively procured. With respect to this subsection a contract is competitively procured if it has been obtained through a sealed low bid award. A "substantial and decision-making role" shall include duties and/or responsibilities that are collectively associated with: (i) approving solicitation or payment documents; (ii) evaluating formal bids and proposals; and (iii) approving and/or issuing award recommendations for JEA Awards Committee approval. The contract of any person or business entity who hires or contracts for services with any officer or employee prohibited from entering into said relationship shall be voidable at the pleasure of JEA. This prohibition shall not apply to any former officer or employee after two years from cessation from JEA employment.

#### **2.12.6. HIRING OF OTHER PARTY'S EMPLOYEES**

Each party recognizes that the other party has incurred or will incur significant expenses in training its own employees and agrees that it will not pursue or hire, without the other party's consent, the other party's employees or the employees of its subsidiaries for a period of two (2) years from the termination date of this Agreement. It shall not be considered a breach of this Section for either party to make employment solicitations to the general public or groups that may include employees of the other party. Nor shall it be considered a breach of this Section for either party to respond to, act upon, or accept inquiries and applications resulting from, or make offers of employment resulting from, (i) such solicitations to the general public or groups or (ii) unsolicited employment inquiries or applications.

#### **2.12.7. COMPANY'S LABOR RELATIONS**

The Company shall negotiate and resolve any disputes between the Company and its employees, or anyone representing its employees. The Company shall immediately notify JEA of any actual or potential labor dispute that may affect the Work and shall inform JEA of all actions it is taking to resolve the dispute.

## **2.13. COMPANY'S RESPONSIBILITIES AND PERFORMANCE OF THE CONTRACT**

### **2.13.1. COMPANY REPRESENTATIVES**

The Company shall provide JEA with the name and responsibilities of the Company Representative, in writing after Award of the Contract and before starting the Work under the Contract. Should the Company need to change the Company Representative, the Company shall promptly notify JEA in writing of the change.

### **2.13.2. COMPANY REVIEW OF PROJECT REQUIREMENTS**

The Company shall review the Work requirements and specifications prior to commencing Work. The Company shall immediately notify the Contract Administrator in writing of any conflict with applicable law, or any error, inconsistency or omission it may discover. JEA will promptly review the alleged conflicts, errors, inconsistencies or omissions, and issue a Change Order or Purchase Order as appropriate if JEA is in agreement with the alleged conflict, and issue revised specifications. Any Work the Company performs prior to receipt of approved Change Order will be at the Company's sole risk.

### **2.13.3. DELIVERY LOCATION**

The delivery address for items provided under this Contract is: BRANDY BRANCH GENERATING STATION, 15701 BEAVER STREET WEST, JACKSONVILLE, FL 32234.

### **2.13.4. RETURNED OR UNUSED MATERIALS**

To the extent that items can be resold by the Company, the Company agrees to take back for full credit or monetary refund to JEA all excess items purchased pursuant to this Contract or items that may be added to this Contract in the future.

### **2.13.5. SAFETY AND PROTECTION PRECAUTIONS (CONSTRUCTION)**

The Company shall comply with all applicable federal, state and local laws, ordinances, all JEA procedures and policies including, but not limited to, JEA's Contractor Safety Management Process (available at JEA.com), and orders of any public body having jurisdiction for the safety of persons or protection of property. The Company understands and agrees that a violation of any provision of this Section is grounds for an immediate termination of the Contract for default, with no requirement for JEA to provide Company with advanced notice and opportunity to cure. Additionally, the Company shall be responsible for all JEA damages associated with such termination.

The Company shall only use those Subcontractors who have met JEA Safety Prequalification requirements in the JEA Contractor Safety Management Process. The Company shall ensure that Subcontractors and their personnel have all the necessary personal protective equipment and training needed to perform the Work safely.

The Company understands and agrees that JEA Representatives may stop Work at any time that JEA, at its sole discretion, considers the Company's Work to be unsafe or a risk to person or property, and to direct the Company to, at a minimum, perform as directed in such a way as to render the Work environment safe. The Company understands and agrees that it is responsible for paying all costs associated with providing a safe work environment including, but not limited to, any costs associated with any JEA directed safety improvements. The Company also understands and agrees that it is solely responsible for the safety of personnel and property associated with the Work, and that any actions taken by JEA to prevent harm to persons or damage to equipment does not, in any way, relieve the Company of this responsibility.

The Company Representative, or alternatively, the Company Supervisor, shall be designated as the Company's representative responsible for the prevention of accidents.

If the nature of the Work requires, the Company shall notify the police and fire departments as to its Work Location in order to ensure prompt response in an emergency.

#### **2.13.6. SHIPPING - FOB DESTINATION**

Items are purchased F.O.B. destination. The Company shall ensure the following:

- Pack and mark the shipment to comply with the Contract Documents; or in the absence of specifications in the Contract Documents, prepare the shipment in conformance with carrier requirements;
- Prepare and distribute commercial bills of lading;
- Deliver the shipment in good order and condition to the point of delivery specified in the Contract;
- Be responsible for any loss of and/or damage to the goods occurring before receipt of the shipment by JEA Representative at the delivery point specified in the Contract;
- Be responsible for obtaining any permits required for transportation to the installation site;
- Furnish a delivery schedule and designate the mode of delivering carrier; and
- Pay and bear all charges to the specified point of delivery.

#### **2.13.7. STORM PREPAREDNESS**

In the event of a Hurricane Warning, Tropical Storm Warning, or other large storm affecting the Work Location, the Company shall secure, or shall remove and store all equipment and materials at the Work Location including, but not limited to, cones, barricades, lights and signs. The Company shall begin taking such precautions as necessary to secure the Work Location upon official issuance of mandatory evacuation of the area of the Work Location and no later than 24 hours prior to predicted arrival of tropical storm or hurricane force winds, or when notified by a JEA Representative to do so. These activities are considered a regular part of the Work, regardless of the frequency they are required.

### **2.14. VENDOR PERFORMANCE EVALUATION**

#### **2.14.1. VENDOR PERFORMANCE EVALUATION**

##### **Use of Vendor Performance Evaluation Scorecards**

JEA may evaluate the Company's performance using the evaluation criteria shown on the vendor scorecard available online at JEA.com.

Scores for all metrics shown on the evaluation range from a low of 1, meaning significantly deficient performance, to a high of 5, meaning exceptionally good performance. The Company's performance shall be classified as Top Performance, Acceptable Performance, or Unacceptable Performance, as defined herein. The evaluator will be a designated JEA employee. The evaluator's supervisor and the Chief Purchasing Officer will review deficient performance letters and Unacceptable Performance scorecards, as described below, prior to issuance. When evaluating the Company's performance, JEA will consider the performance of the Company's Subcontractors and suppliers, as part of the Company's performance.

##### **Frequency of Evaluations**

JEA may conduct performance evaluations and prepare scorecards in accordance with the procedures described herein at any time during performance of the Work or soon after the completion of the Work. JEA may conduct one or more evaluations determined solely at the discretion of JEA.

### **Unacceptable Performance**

- If at any time, JEA determines, using the criteria described on the scorecard, that the performance of the Company is Unacceptable, the Contract Administrator and Chief Procurement Officer or his designated alternate will notify the Company of such in a letter. The Company shall have ten (10) days to respond to the Contract Administrator. Such response shall include, and preferably be delivered in-person by an officer of the Company, the specific actions that the Company will take to bring the Company's performance up to at least Acceptable Performance.
- Within thirty (30) days from date of the first Unacceptable Performance letter, the Contract Administrator and Chief Purchasing Officer or his designated alternate will notify the Company by letter as to whether its performance, as determined solely by JEA, is meeting expectations, or is continuing to be Unacceptable. If the Company's performance is described in the letter as meeting expectations, no further remedial action is required by the Company, as long as Company's performance continues to be Acceptable.
- If the Company's performance as described in the letter continues to be Unacceptable, or is inconsistently Acceptable, then the Company shall have fifteen (15) days from date of second letter to demonstrate solely through its performance of the Work, that it has achieved Acceptable Performance. At the end of the fifteen (15) day period, JEA will prepare a scorecard documenting the Company's performance from the start of Work, or date of most recent scorecard, whichever is latest, and giving due consideration to improvements the Company has made in its performance, or has failed to make. If the scorecard shows Company's performance is Acceptable, then no further remedial action is required by Company as long as Company's performance remains Acceptable. If the scorecard shows the Company's performance is Unacceptable, JEA will take such actions as it deems appropriate including, but not limited to, terminating the Contract for breach, suspending the Company from bidding on any JEA related solicitations, and other remedies available in the JEA Purchasing Code and in law. Such action does not relieve the Company of its obligations under the Contract, nor does it preclude an earlier termination.
- In the event that the Contract Term or the remaining Term of the Contract does not allow for the completion of the deficient performance notification cycles described above for those in danger of receiving an Unacceptable Performance scorecard, JEA may choose to accelerate these cycles at its sole discretion.
- If the Company receives five (5) or more letters of deficiency within any twelve (12) month period, then JEA will prepare a scorecard describing the deficiencies and the Company's performance will be scored as Unacceptable.

### **Acceptable Performance**

JEA expects the Company's performance to be at a minimum Acceptable.

### **Disputes**

In the event that the Company wants to dispute the results of its scorecard performance evaluation, the Company must submit a letter to the Chief Procurement Officer supplying supplemental information that it believes JEA failed to take into account when preparing the scorecard. Such letter, along with supplemental information, must be submitted no later than ten (10) days following the Company's receipt of the scorecard. If the Chief Procurement Officer decides to change the scorecard, the Company will be notified and a revised scorecard will be prepared, with a copy issued to the Company. If the Chief Procurement Officer decides that no change is warranted, the decision of the Chief Procurement Officer is final. If the Company is to be suspended from consideration for future Award of any contracts, the Company may appeal to the Procurement Appeals Board as per JEA Procurement Code.



### **Public Records**

There can be no expectation of confidentiality of performance-related data in that all performance-related data is subject to disclosure pursuant to Florida Public Records Laws. All scorecards are the property of JEA.

## **2.15. MISCELLANEOUS PROVISIONS**

### **2.15.1. AMBIGUOUS CONTRACT PROVISIONS**

The parties agree that this Contract has been the subject of meaningful analysis and/or discussions of the specifications, terms and conditions contained in this Contract. Therefore, doubtful or ambiguous provisions, if any, contained in this Contract will not be construed against the party who physically prepared this Contract.

### **2.15.2. AMENDMENTS**

This Contract may not be altered or amended except in writing, signed by JEA Chief Procurement Officer, or designee, and the Company Representative, or each of their duly authorized representatives.

### **2.15.3. APPLICABLE STATE LAW; VENUE; SEVERABILITY**

The rights, obligations and remedies of the parties as specified under the Contract will be interpreted and governed in all respects exclusively by the laws of the State of Florida without giving effect to the principles of conflicts of laws thereof. Should any provision of the Contract be determined by the courts to be illegal or in conflict with any law of the State of Florida, the validity of the remaining provisions will not be impaired. Litigation involving this Contract or any provision thereof shall take place in the State or Federal Courts located exclusively in Jacksonville, Duval County, Florida.

### **2.15.4. CUMULATIVE REMEDIES**

Except as otherwise expressly provided in this Contract, all remedies provided for in this Contract shall be cumulative and in addition to and not in lieu of any other remedies available to either party at law, in equity or otherwise.

### **2.15.5. ENTIRE AGREEMENT**

This Contract constitutes the entire agreement between the parties. No statement, representation, writing, understanding, or agreement made by either party, or any representative of either party, which are not expressed herein shall be binding. All changes to, additions to, modifications of, or amendment to this Contract, or any of the terms, provisions and conditions hereof, shall be binding only when in writing and signed by the authorized officer, agent or representative of each of the parties hereto.

### **2.15.6. EXPANDED DEFINITIONS**

Unless otherwise specified, words importing the singular include the plural and vice versa and words importing gender include all genders. The term "including" means "including without limitation", and the terms "include", "includes" and "included" have similar meanings. Any reference in this Contract to any other agreement is deemed to include a reference to that other agreement, as amended, supplemented or restated from time to time. Any reference in the Contract to "all applicable laws, rules and regulations" means all federal, state and local laws, rules, regulations, ordinances, statutes, codes and practices.

### **2.15.7. HEADINGS**

Headings appearing herein are inserted for convenience or reference only and shall in no way be construed to be interpretations of text.

#### **2.15.8. LANGUAGE AND MEASUREMENTS**

All communication between the Company and JEA, including all documents, notes on drawings, and submissions required under the Contract, will be in the English language. Unless otherwise specified in the Contract, the US System of Measurements shall be used for quantity measurement. All instrumentation and equipment will be calibrated in US System of Measures.

#### **2.15.9. MEETINGS AND PUBLIC HEARINGS**

The Company will, upon request by JEA, attend all meetings and public hearings as required, in any capacity, as directed by JEA.

#### **2.15.10. NEGOTIATED CONTRACT**

Except as otherwise expressly provided, all provisions of this Contract shall be binding upon and shall inure to the benefit of the parties, their legal representatives, successors and assigns. The parties agree that they have had meaningful discussion and negotiation of the provisions, terms and conditions contained in this Contract. Therefore, doubtful or ambiguous provisions, if any, contained in the Contract shall not be construed against the party who physically prepared this Contract.

#### **2.15.11. NONEXCLUSIVE**

Notwithstanding anything contained herein that may appear to be the contrary, this Contract is "non-exclusive" and JEA reserves the right, in its sole discretion, to retain other companies to perform the Work, and/or JEA may self-perform the Work itself.

#### **2.15.12. REFERENCES**

Unless otherwise specified, each reference to a statute, ordinance, law, policy, procedure, process, document, drawing, or other informational material is deemed to be a reference to that item, as amended or supplemented from time to time. All referenced items shall have the enforcement ability as if they are fully incorporated herein.

#### **2.15.13. SEVERABILITY**

In the event that any provision of this Contract is found to be unenforceable under applicable law, the parties agree to replace such provision with a substitute provision that most nearly reflects the original intentions of the parties and is enforceable under applicable law, and the remainder of this Contract shall continue in full force and effect.

With regard to any provision in this agreement pertaining to damages, equitable or otherwise, it is the intent of the Parties that under no circumstances shall there be recovery for home office overhead. Any damages claimed shall be proven by discreet accounting of direct project costs and no theoretical formula or industry estimating reference manuals shall be permissible.

#### **2.15.14. RELATIONSHIP OF THE PARTIES**

The Company agrees that it shall perform the Work as an independent contractor and that it does not (a) have the power or authority to bind JEA or to assume or create any obligation or responsibility, express or implied, on JEA's part or in JEA's name, except as may be authorized by JEA under a separate written document, or (b) represent to any person or entity that it has such power or authority except as may be authorized by JEA under a separate written document.

#### **2.15.15. SUBCONTRACTING OR ASSIGNING OF CONTRACT**

Each party agrees that it shall not subcontract, assign, delegate, or otherwise dispose of the Contract, the duties to be performed under the Contract, or the monies to become due under the Contract without the other party's prior written consent.

The assignment of the Contract will not relieve either of the parties of any of its obligations until such obligations have been assumed in writing by the assignee. If the Contract is assigned by either of the parties, it will be binding upon and will inure to the benefit of the permitted assignee. The Company shall be liable for all acts and omissions of its assignee or its Subcontractor.

In the event the Company obtains JEA approval to use Subcontractors, the Company is obligated to provide Subcontractors possessing the skills, certifications, registrations, licenses, training, tools, demeanor, motivation and attitude to successfully perform the work for which they are subcontracted. The Company is obligated to remove Subcontractors from performing Work under this Contract when the Company recognizes that a Subcontractor is failing to work in a manner consistent with the requirements of this Contract, or when JEA notifies the Company that JEA has determined a Subcontractor is failing to work in a manner consistent with the requirements of this Contract.

#### **2.15.16. SURVIVAL**

The obligations of JEA and the Company under this Contract that are not, by the express terms of this Contract, to be performed fully during the Term, shall survive the termination of this Contract.

#### **2.15.17. TIME AND DATE**

Unless otherwise specified, references to time of day or date mean the local time or date in Jacksonville, FL. If under this Contract any payment or calculation is to be made, or any other action is to be taken, on or as of a day that is not a regular business day for JEA, that payment or calculation is to be made, and that other action is to be taken, as applicable, on or as of the next day that is a regular business day. Where reference is made to day or days, it means calendar days. Where reference is made to workday, workdays, business day, or business days, it means regular working days for JEA Procurement.

#### **2.15.18. TIME OF ESSENCE**

For every material requirement of this Contract, time is of the essence.

#### **2.15.19. TITLE TO MATERIALS FOUND**

JEA shall retain the title to water, mineral matter, timber and any other materials that the Company, or its Subcontractors, encounters during the excavation or other operations of the Work. The Company shall use or dispose of this material in accordance with the Contract or written instructions from the Contract Administrator. Any materials found in the excavation, or other operations of the Company, that are of archaeological or historical value shall be left in place. The Company shall immediately notify JEA of the find and shall take no further action until directed by JEA.

#### **2.15.20. USE OF JEA CONTRACTS BY THE CITY OF JACKSONVILLE**

Where the City of Jacksonville's or its other independent agencies' or political subdivisions' procurement codes all use of JEA contracts, the Company agrees to extend any pricing and other contractual terms to such entities.

#### **2.15.21. WAIVER OF CLAIMS**

A delay or omission by JEA to exercise any right or power under this Contract shall not be construed to be a waiver thereof. A waiver by JEA under this Contract shall not be effective unless it is in writing and signed by the party granting the waiver. A waiver by a party of a right under or breach of, this Contract shall not be construed to operate as a waiver of any other or successive rights under, or breaches of, this Contract.

The Company's obligations to perform and complete the Work in accordance with the Contract shall be absolute. None of the following will constitute a waiver of any of JEA's rights under the Contract: approval of payments,

including final payment; Certificate of Contract Completion; any use of the Work by JEA; nor any correction of faulty or defective work by JEA.

#### **2.15.22. FORCE MAJEURE**

No party shall be liable for any default or delay in the performance of its obligations under this Contract due to an act of God or other event to the extent that: (a) the non-performing party is without fault in causing such default or delay; (b) such default or delay could not have been prevented by reasonable precautions; and (c) such default or delay could not have been reasonably circumvented by the non-performing party through the use of alternate sources, work-around plans or other means. Such causes include, but are not limited to: act of civil or military authority (including but not limited to courts or administrative agencies); acts of God; war; terrorist attacks; riot; insurrection; inability of JEA to secure approval, validation or sale of bonds; inability of JEA or the Company to obtain any required permits, licenses or zoning; blockades; embargoes; sabotage; epidemics; fires; hurricanes, tornados, floods; or strikes.

In the event of any delay resulting from such causes, the time for performance of each of the parties hereunder (including the payment of monies if such event actually prevents payment) shall be extended for a period of time reasonably necessary to overcome the effect of such delay, except as provided for elsewhere in the Contract Documents.

In the event of any delay or nonperformance resulting from such causes, the party affected shall promptly notify the other in writing of the nature, cause, date of commencement and the anticipated impact of such delay or nonperformance. Such written notice, including Change Orders, shall indicate the extent, if any, to which it is anticipated that any delivery or completion dates will be thereby affected within seven (7) calendar days.

### **3. TECHNICAL SPECIFICATIONS/DETAILED SCOPE OF WORK**

#### **3.1. TECHNICAL SPECIFICATIONS/DETAILED SCOPE OF WORK (APPENDIX A)**

Technical Specifications and a Detailed Scope of Work are located in Appendix A of this document.

### **4. FORMS**

#### **4.1. FORMS (APPENDIX B)**

Forms required to be submitted with this solicitation are provided in Appendix B or can be obtained on the JEA website at [www.jea.com](http://www.jea.com).



**023-18 Appendix A: Technical Specification**  
**BRANDY BRANCH GENERATING STATION B51 EXHAUST DUCT SILENCER**  
**REPLACEMENT PROJECT**

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## **1.0 Location of Property**

JEA Brandy Branch Generating Station is located at 15701 West Beaver Street, Jacksonville, Florida 32234.

## **2.0 Scope of Work**

2.1. This Specification covers the performance, engineering, design, fabrication, and installation of one (1) new exhaust silencer located in the horizontal ducting for one (1) gas turbine unit as described herein. This specification also covers demolition and removal of the existing exhaust silencer. The Company is to furnish labor, supervision, material, cranes, and other equipment to engineer, design, fabricate, deliver to the site, unload, and install one new replacement exhaust silencer and related work for the General Electric MS7000FA gas turbine.

2.1.1. The Company shall remove and dispose of the existing exhaust silencer including the silencer baffles. The Company shall provide all material and labor for installation of the new exhaust silencer including baffles. The new silencers shall be a state of the art cold shell design. The exterior shell shall be carbon steel, and all interior liner surfaces exposed to exhaust gases shall be a minimum of 409 stainless steel. The silencer panel frame and perforated sheets shall be constructed of 11CrCb material.

2.1.2. The Company shall take every precaution to not damage the existing structural steel support system. It is intended that this support system will be reused and that the new silencer will fit and connect to the existing structure as they now exist. The Company shall take precautions to support and keep stable the support structure during demolition and installation.

2.1.3 The Company shall remove the transition ductwork between the exhaust silencer and stack in order to install the new exhaust silencer. The Company shall replace, with new, the six inch (6") Fabric joint and insulation pillow between the transition duct and stack after reinstallation of the transition ductwork. EJCON Corp. fabricated the existing six inch (6") fabric expansion joint. Refer to Paragraph 9.9 for expansion joint specification.

## **3.0 Codes and Standards**

The following codes and standards, as amended to date, are applicable under this contract:

Codes, Rules and Regulations of the State of Florida

Occupational Safety and Health (OSHA)

29 CFR Parts 1926.1101, 1926.62 and 1926.850 through 1926.859

American Society for Testing and Materials (ASTM)

A-36 Structural Steel

A-240 Stainless and Heat-Resisting Chromium Steel Plates, Sheet and Strip

A-285 Pressure Vessel Plates, Carbon Steel, Low and Intermediate Tensile Strength

A-325 High-Strength Bolts for Structural Steel Joints

Steel Structures Painting Council (SSPC) Surface Preparation as Specified

American Welding Society (AWS) Structural Welding Code, Steel (AWS D1.1)

American Welding Society (AWS) Structural Welding Code  
Sheet Metal (AWS D1.3)

American Institute of Steel Construction (AISC)  
Manual of Steel Construction, 13th Edition

American Society of Civil Engineers (ASCE)  
ASCE Standard ANSI/ASCE 7-2010

American National Standard  
ANSI B133.8 "Gas Turbine Installation Sound Emissions"

#### **4.0 Existing Exhaust Silencer Description**

- 4.1. The existing exhaust silencer for the GE Model 7FA (SN 297378) Gas Turbine Generator is located in the horizontal ducting and is a cold shell design. There has been deterioration to the baffles, internal liner and silencer duct due to thermal stresses and corrosion from exhaust emissions. The exhaust silencer system is acoustically designed for sound attenuation.
- 4.2. The general dimensions of the exhaust silencer are shown on the reference drawings by C&W Fabricators. The replacement exhaust silencers shall be designed and fabricated to match the overall dimensions of existing components to insure a proper fit. It is also required that new silencers utilize the existing structural steel support structure. The shell is constructed of ASTM – A36 steel. The shell plate is generally a minimum of 0.25" inch thick steel. All interior liner materials, exposed to hot gases, are 409 stainless steel. The insulation panels are approximately six inches (6") thick.
- 4.3. The exhaust gas flow for the GE Frame 7FA gas turbine is 3,542 kpph with an average exhaust temperature of 1,120 degrees F while operating on natural gas. The design internal temperature is 1,250 F. The existing silencer is designed for a pressure drop of 2.5 inches of water. The replacement silencer pressure drop shall not exceed the 2.5 inches of water of the original system.

#### **5.0 Demolition and Removal**

- 5.1 Extreme care must be taken so that no damage is done to the JEA's station facilities that will remain in operation during the demolition work. It is emphasized that facilities located adjacent to and below grade in the working area are very essential elements of the plant. All such adjacent facilities must be kept guaranteed safe during all demolition and installation work. When possible, these facilities will be de-energized by JEA personnel. JEA will provide a mark-out of these facilities.
- 5.2 The Company shall erect and properly maintain at all times such danger signs, barricades, lights and other safeguards as may be required for safe working conditions.
- 5.3 All materials from the demolition become the property of the Company and shall be removed promptly from the site. Removal of debris from the site shall be done frequently so as to avoid any collection of debris.
- 5.4 The Company is advised that some of the material to be disposed of will contain various insulation materials such as Birkfeldt, fiberglass, mineral wool, and fiberglass cloth.
- 5.5 The Company shall submit along with the bid proposal, the names of the sub-Company(s), if any, who may be used for demolition, disposal, and installation. The Company shall also include the proposed



disposal location for the material removed. The Company shall obtain the required permits necessary for the disposal of the removed material. The Company shall provide copies of disposal records/logs and certificate of recycle.

- 5.6 The Company shall take every precaution to not damage the existing Drain line from the bottom of the existing Stack.

## **6.0 Hazardous Material Removal**

### **Potential Asbestos Removal**

- 6.1 It is not expected that the Company will encounter any asbestos containing material in the demolition of the existing silencer systems. There are no gaskets between the stack and duct sections. The gaskets on the man way hatches are fiberglass. If the Company suspects that any components of the silencer systems contain asbestos, the Company shall notify the JEA Project Manager. The Company is advised that any material suspected of containing asbestos will have to be treated as asbestos containing material until cleared by testing. The Company shall observe all safety standards and procedures as required to handle potential asbestos in accordance with JEA Safety Procedures. **JEA shall arrange and be responsible for testing any suspected asbestos. JEA shall reimburse the Company additional costs associated with the finding of components containing or suspected of containing asbestos. The Company shall not include in its bid contingency funds for potential asbestos related work.**

### **Painted Surfaces**

- 6.2 The Company is advised that the existing exhaust silencer system is **not** coated with a lead containing paint system.

## **7.0 Replacement Exhaust Silencer**

- 7.1 The Company shall be fully responsible for the complete design and replacement of the existing deteriorated exhaust silencer and baffles including verification of interface field dimensions, analysis, aerodynamic and structural design. The Company shall design the replacement exhaust silencer to fit on the existing supporting structural steel. The Company shall inspect the condition of the existing structural steel support frame for the replacement exhaust silencer.
- 7.2 The Company shall engineer, design, fabricate, deliver to the site and install a new replacement exhaust silencer including baffles. The exhaust silencer system shall be a cold shell design internally lined and insulated ducting. The average external shell temperature shall not exceed 160 degrees F. Hot spots up to 10 degrees above the average are acceptable. The silencer shall operate reliably in an ambient temperature range of minus 10 degrees F to 110 degrees F. The exterior components shall be fabricated from ASTM A36 steel at a minimum. All interior components in contact with exhaust gases shall be at a minimum Type 409 stainless steel. The silencer panel frame and perforated sheets shall be constructed of 11CrCb material. **All joints and stiffeners shall be seal welded all around.**
- 7.3 The exhaust silencer shall be designed in accordance with the latest "state of the art" design for the sound attenuation replicating the existing number and general dimensions of the existing baffles. The primary design requirements shall be to attain the sound attenuation criteria outlined herein, to size the silencer to insure a proper installation on the existing support structure, minimize back pressure, and obtain a true cold shell design. The internal geometry and dimensions of the gas path shall be substantially the same as the existing so as not to change the flow patterns.

- 7.4 The exhaust silencer interior surfaces, hardware and components which come in contact with exhaust gases shall be per section 9.0. All nuts used in interior surfaces shall be prevented from running off the bolts by tack welding the nuts to the bolts.
- 7.5 The exhaust stack shall be a cold shell design. The cold shell design shall incorporate 6" thick insulation between the interior and exterior surfaces. The insulation shall be 8# /cu. Ft. ceramic fiber rated to a minimum of 1700 degrees F. continuous use. The insulation shall be compressed 15-20 percent. No voids are allowed within the wall construction. The insulation shall be designed so as not to droop in the vertical panels and shall be supported by the use of ½" dia. SS liner studs spaced approximately 12" - 15" apart.
- 7.6 The insulation to be provided for the baffle fill shall be 155 kg/m<sup>3</sup> cotton stitched basalt wool compressed to a final density of 124 to 130 kg/m<sup>3</sup>. The insulation in the baffles shall be wrapped and protected with one layer of 0.25" thick heat resistant fiberglass needle mat and one layer of 300 series stainless steel wire mesh. The wire mesh shall be solidly tack welded to the inside of the perforated steel. The insulation shall be compressed 12 to 20 percent and shall be supported every 24" in the horizontal to minimize settling affect. The baffle construction shall be such that no edge of the perforated sheet is exposed to the exhaust flow. Noses and tail section are to be used as required to minimize pressure loss.
- 7.7 The Company shall paint the exterior sides of the exhaust silencers and select areas of the interior side of the exterior shell. The Company shall provide the coatings as per section 11.0
- 7.8 The exhaust stack shall be designed for the: dead loads, wind load, and seismic loads specified in ANSI/ASCE 7-2010. The structure shall be considered a Risk Category IV structure. The soil Site Class is "D". The wind speed is 130 MPH and the Exposure is "D". The exhaust silencers shall also be designed for dynamic operating loads imposed from the units. The shell shall be designed with sufficient stiffness for structural loads and to minimize noise transmission.
- 7.9 Loading to be included in the design analysis:

Dead Load	Equipment Load	
Live Load	100 lb. /sq. ft. platforms	
		30 lb. /sq. ft. duct roof
		250 lb. ladders
Duct Pressure	+40 in WG	
Normal Pressure		+10 in WG
Normal Internal Temp		1120 F
Design Internal Temp		1250 F

- 7.10 Lifting Lugs shall be provided with each major component for ease of lifting, handling, and erection.

## 8.0 Sound Attenuation Criteria

- 8.1 At any load at or below the peak load curve and any operating condition, the gas turbine silencer shall reduce the gas turbine exhaust noise to an overall noise level of 65 dBA and 75 dB(C) at a distance of 400 feet from the stack exit while the near acoustic guarantee is 85 dBA at three feet (3') from duct and five feet (5') above grade. The supplier shall provide detailed acoustic calculations with their proposal noting compliance.

- 8.2 Measurements and data reporting shall be in accordance with ANSI B133.8 “Gas Turbine Installation Sound Emissions”.

## **9.0 Material and Fabrication**

- 9.1 The Company is responsible for the design and fabrication of the exhaust silencer system. Structural components of the design shall be in accordance with the applicable AISC, ASTM and related codes.
- 9.2 The following minimum material requirements shall be adhered to in the design and fabrication of exhaust silencer system:
- A. Exhaust silencer shell plate shall be ASTM A36, 3/8” thickness.
  - B. Internal Liner shall be ASTM A-240, Type 409 stainless steel sheets, minimum 11 gage.
  - C. Silencer Panel Framing shall be 12 gage minimum 11CrCb material.
  - D. Silencer Panel perforated sheets shall be minimum 11 gage 11CrCb material.
- 9.3 Interior hardware, as required, shall be stainless steel.
- 9.4 The silencer roof shall have a slight slope and the stiffener configuration shall be designed so that it does not hold water to eliminate the pooling of rain water. If necessary the stiffeners shall contain drain holes in areas that could collect rain water or snow melt. Stiffeners shall be continuously welded to the shell plate.
- 9.5 Special consideration shall be given to the reinforcement of the leading edge (nose) of baffles to deal with the thermal shocks. The baffle supports shall be designed to provide a minimum 4 inches of end bearing.
- 9.6 The lifting lugs for the shell sections shall be a minimum of 3/4” carbon steel. The design shall provide enough lifting lugs to lift and maneuver the components.
- 9.7 The components shall be properly braced for shipping so that no components are damaged and stressed beyond code allowable stresses and buckling criteria.
- 9.8 Additional material as required for the fabrication shall be per the Company’s design and suitable for the given application.
- 9.9 The following minimum material requirements shall be adhered to in the design and fabrication of the replacement expansion joint between the transition duct and stack:
- A. The Design temperature of the expansion joint shall be 1250 Degrees F and Design pressure shall be +/- 2 PSIG.
  - B. Joints shall be Flat Belt geometry.
  - C. Outer cover shall consist of a PTFE/Fiberglass material with a 0.007” thick 100% PTFE laminate. The outer cover shall have a total thickness of 0.047” and a weight of 60oz/yd<sup>2</sup>.
  - D. Inner layer shall consist of one 1” layers of fiberglass insulation encased by a 24oz vermiculite coated, SS wire inserted fiberglass cloth on the gas side and a 18 oz. fiberglass cloth on the outer side. The inner ply shall be mechanically fastened to the outer cover.

- E. An internal double tabbed full cavity insulation pillow shall be provided. The pillow shall consist of fiberglass tempmat insulation encased by 24oz vermiculite coated, wire inserted fiberglass cloth.
- F. The existing Expansion joint was fabricated by EJCON Corp. The following is EJCON's contact information:

EJCON Corp.  
P.O. Box 61266  
5502 Shawland Road, Jacksonville, FL 32236-1266  
Phone 904-786- 0622  
Email: [MikeC@Ejcon.com](mailto:MikeC@Ejcon.com)  
Contact: Mike Crawford

## **10.0 Welding and Fabrication Tolerances**

- 10.1 Fabrication tolerances shall be in accordance with industrial standards and shall be in accordance with the Company's design drawings.
- 10.2 Quality and appearance of welding is extremely important and shall be in accordance with the practices and procedures of the AWS D1.1, Structural Welding Code, steel, and AWS D1.3, Structural Welding Code, Sheet Metal.
- 10.3 Welding shall be done in a horizontal position in the shop when possible.

All surfaces to be welded shall be suitably prepared and free of all foreign materials detrimental to welding such as grease, oil, dirt and paint.

Proper welding electrodes shall be selected from AWS keeping in mind the base metal to be welded and the welding process to be used.

- 10.4 Welding electrode SMAW A5.4 class E309 or A5.11 class E NiCrFe-3 is recommended to weld all Type 409 stainless steel to itself, or to other base metal. Alternate filler metal may be accepted subject to Jacksonville Electric Engineering review of welding procedure supported by qualification test records.
- 10.5 Only certified welders shall perform the welding.
- 10.6 The edge welding of 11 CrCb perforated sheets (at solid borders) shall be 100% effective in rigidity securing the sheet to the frames. All welds to the edges of perforated sheets shall be continuous with no stitch welding, except at location where thermal stresses can build up. The Company shall submit their 11 CrCb welding procedure for JEA review.
- 10.7 Flatness of exterior sheet surfaces shall be within one-fourth of an inch. Bolt hole location tolerance shall be plus or minus one-sixteenth of an inch. Unless otherwise noted on the design drawings, the inside bend radii for stainless steel parts shall be 3 times the plate thickness, minimum.
- 10.8 All external stiffeners shall be seal welded to prevent corrosion staining.

## **11.0 Protective Coatings**

### **11.1 Shop Coating Spec**

11.1.1 Remove all grease, oil, and foreign matter with Surface Cleaner # 3 in accordance with SSPC-SP1.

11.1.2 Follow with SSPC-SP10 Near White Blast Cleaning with a 1.0 to 3.0 mil profile.

11.1.3 Prime Coat Interior & Exterior: Carbozinc 11 Inorganic Zinc Green at 2.0 to 3.0 mils dft.

11.1.4 Finish Coat Exterior: Thermaline 4700 Silicone Finish Pearl Grey at 2.0 to 3.0 mils DFT.

### **11.2 Field Coating of Field Welded Areas**

11.2.1 Remove all grease, oil, and foreign matter with Surface Cleaner # 3 in accordance with SSPC-SP1.

11.2.2 Follow with SSPC-SP10 Near White Blast Cleaning with a 1.5 to 2.5 mil profile.

11.2.3 Prime Coat: Thermaline 4765 at 2.0 mils DFT.

11.2.4 Finish Coat Exterior: Thermaline 4700 Silicone Finish Pearl Grey at 2.0 to 3.0 mils DFT.

## **12.0 Shipment**

12.1 The Company shall be fully responsible for the safe shipment, storage and handling of the components of the exhaust silencer stack system. The Company shall be fully responsible for the exhaust silencer system on the job site until the system is turned over to the Plant. The Company is responsible for all shipping costs and for all truck loading and unloading of material at the job site.

12.2 Miscellaneous parts shall be packed in suitable boxes for storage at the job site.

## **13.0 Documentation**

### **13.1 Calculations**

13.1.1 The Company shall submit design calculations for approval, prior to the start of fabrication. The Company shall verify the sound attenuation, the structural and thermal design characteristics of the exhaust stack.

13.1.2 The design calculations, and all other documentation listed herein, shall be submitted to the JEA Project Manager.

13.1.3 The Company shall perform heat transfer analysis across the exhaust stack wall to ensure that the specified temperature limit is not exceeded.

- 13.1.4 The Company shall provide certified design information with respect to the pressure drop for the exhaust silencer stack system under base and peak load ratings.
- 13.1.5 The Company shall provide structural calculations for the duct shell and support structure including all connection details
- 13.1.6 The Company shall perform finite element thermal analysis (FEA) of the exhaust silencer structural system to assure that the temperature stresses and deflections are within the applicable code limits. The effect of fatigue due to thermal cycle shall also be considered and that silencer life shall exceed 3,000 GT startup/shutdown cycles over a 20 year period.

## 13.2 Shop Drawings

- 13.2.1 The Company shall submit to JEA for approval outline component drawings in Auto Cad format. The Company shall commence fabrication after the shop drawings are approved.
- 13.2.2 The Company shall submit to JEA for record purposes, four hard copies and one AutoCad electronic file of the entire as built outline drawings.

## 14.0 Reference Drawings and Manuals

### 14.1 Drawings:

GE Dwg No	Description
115E2703 Sheet 1	Outline Mechanical GTRB & Load
5-c0004	Outline Mechanical GTRB & Load
C& W Fabricators Dwg. No.	Description
6900AX Sheet 1 of 7	MS7000FA Exhaust Assembly/Erection (Plan & Elevation View)
6900AX Sheet 2 of 7	MS7000FA Exhaust Assembly/Erection (Foundation Layout and Foundation Details )
6900AX Sheet 3 of 7	MS7000FA Exhaust Assembly/Erection (Section Views)
6900AX Sheet 4 of 7	MS7000FA Exhaust Assembly/Erection(Side Wall View)
6900AX Sheet 5 of 7	MS7000FA Exhaust Assembly/Erection (Roof and Floor View)
6900AX Sheet 6 of 7	MS7000FA Exhaust Assembly/Erection (Stack View)
6900AX Sheet 7 of 7	MS7000FA Exhaust Assembly/Erection (Stack Section)
6900WX	Weight and Center of Gravity Dwg Sheets 1 through 28
7350	Foundation Load Data Sheets 2 through 26

#### 14.2 GE Reference Manuals

The maintenance manual of the General Electric Gas turbine Unit MS7000FA is available at Brandy Branch Plant. The Company shall design the replacement exhaust silencer by using the operating pressure and temperature and applicable loads. The exhaust silencer shall be checked for loads specified in ANSI/ASCE 7-2010.

### **15.0 Construction**

#### 15.1 Temporary Utilities

- A. JEA will provide limited 110V - 20 ampere single-phase and 480V - 60 ampere three-phase electrical power at designated locations in the gas turbine area. Company shall be responsible for additional power supply (Generator) requirements and transformers to provide any other required voltages. Company shall make electrical connections and supply sufficient quantities and lengths of cables and electrical connectors in safe working order.
- B. Service air for construction activities is not available.
- C. Isolating and tagging out of equipment prior to work by the Company will be provided by JEA.
- D. Company to provide designated trash dumpsters, labeled by debris type.
- E. Company to provide adequate sanitary facilities for all their personnel serviced at a minimum three (3) times a week.
- F. Company to provide any required break areas for personnel.

#### 15.2 Laydown & Assembly Area

The Company shall notify the JEA Project manager of the size of their required laydown and assembly area. The laydown and assembly location will be determined jointly by the JEA Project Manager and Company.

#### 15.3 Project Schedule

- A. The tentative outage schedule for Brandy Branch CT1 will be provided once the equipment fabrication time, shipping duration and assembly time is known.
- B. Company shall provide the JEA Project Manager a detailed resource loaded project schedule within two (2) weeks of award. Schedule shall outline all project details including but not limited to: Mobilization, Assembly, demobilization.
- C. The project schedule for this Contract shall be prepared and maintained by Company to provide coordination between sub companies and suppliers, to establish the basis for measuring and monitoring Company progress and overall Project progress, to detect problems for the purpose of taking corrective action.

#### 15.4 Project Meetings

- A. Once Company has mobilized to Jobsite, JEA and Company representatives shall meet daily to update the following:

Current status of the job progress  
Look-Ahead Schedule (requirements listed in Item B. below)  
Current and projected manpower  
Changes in the Work  
Safety and Quality Control issues  
Problem areas or concerns

- B. The Look-Ahead Schedule shall:

Report all planned work that is to be accomplished during the current week and the next two weeks in support of, and in accordance with, Company's detailed Construction Schedule

Be personnel and resource loaded

Report the planned and actual progress of the previous week

Report critical activities that are identified to be completed by others, the delay of which would prevent Company from starting and completing its planned work activities in accordance with the detailed Construction Schedule

### 16 **Safety**

16.1 Companies shall be safety prequalified through JEA Safety and Health services prior to award of purchase order.

16.2 ALL personnel shall have documented testing for substance abuse within 30 days of reporting to JEA facility for work.

#### **All personnel shall have training per below requirement:**

JEA Construction Site Safety Orientation (JEA CSSO) conducted by the Northeast Florida Safety Council (NEFSC)

This course is a modified version of the NCCER CSSO course and is specific for JEA as it includes the additional 2-hour JEA Operation Specific Safety Training. The JEA CSSO course is only available at the NEFSC.

**- Or -**

National Center for Construction Education and Research (NCCER) 8-hour Construction Site Safety Orientation (CSSO) and 2-hour JEA Operation Specific Safety Training



This option is for those students who have not taken the JEA specific CSSO class at the Northeast Florida Safety Council.)

- Or -

OSHA 10-hour for Construction Safety and Health and 2-hour JEA Operation Specific Safety Training

In addition to meeting the requirements of employees listed above, **supervisors/foremen** are required to attend the Safety Leadership Development program offered through NEFSC or an equivalent program.

**To become prequalified visit:**

[https://www.jea.com/About/Procurement/Become\\_a\\_Vendor/Company\\_Safety/Qualification\\_Requirements/](https://www.jea.com/About/Procurement/Become_a_Vendor/Company_Safety/Qualification_Requirements/)

Or contact **Jerry Fulop, Phone:** 904-665-5810, **Email:** [FULOJE@JEA.COM](mailto:FULOJE@JEA.COM) or [safety@jea.com](mailto:safety@jea.com)

## APPENDIX B – FORMS

### 023-18 BRANDY BRANCH GENERATING STATION COMBUSTION TURBINE (CT) B51 EXHAUST DUCT SILENCER REPLACEMENT PROJECT

#### MINIMUM QUALIFICATION

The minimum qualifications shall be submitted in the format attached. The report shall be presented in the order described below. In order to be considered a qualified supplier by JEA you must meet all the criteria listed and be able to provide all the services listed in this specification.

The supplier must complete **one (1) original and three (3) duplicate (copy)** of the following information and any other information or attachments.

#### RESPONDENT INFORMATION

COMPANY NAME: \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP CODE: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

FAX: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

- The Company shall successfully completed two (2) similar projects in the last five (5) years, date ending the Bid Due Date. A similar project is defined as an exhaust duct silencer assembly replacement project on a GE 7FA combustion turbine.

1. Primary Nature of Service Provided \_\_\_\_\_

Geographic Location \_\_\_\_\_

Client \_\_\_\_\_

Reference Name \_\_\_\_\_

Reference Phone Number \_\_\_\_\_

Annual Cost \_\_\_\_\_

Number of Networked Devices \_\_\_\_\_

Description of Project

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2. Primary Nature of Service Provided\_\_\_\_\_

Geographic Location\_\_\_\_\_

Client\_\_\_\_\_

Reference Name\_\_\_\_\_

Reference Phone Number\_\_\_\_\_

Annual Cost\_\_\_\_\_

Number of Networked Devices\_\_\_\_\_

Description of Project \_\_\_\_\_

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**023-18 APPENDIX B BID FORM**  
**BRANDY BRANCH GENERATING STATION B51 EXHAUST DUCT SILENCER REPLACEMENT PROJECT**

Submit an **original, two (2) copies and one (1) CD or thumb drive** along with other required forms in a sealed envelope to: JEA Procurement Dept., 21 W. Church St., Bid Office, Customer Center, 1<sup>st</sup> Floor, Room 002, Jacksonville, FL 32202-3139.

Company Name: \_\_\_\_\_

Company's Address \_\_\_\_\_

License Number \_\_\_\_\_

Phone Number: \_\_\_\_\_ FAX No: \_\_\_\_\_ Email Address: \_\_\_\_\_

**BID SECURITY REQUIREMENTS**

- ☐ None required  
☒ Certified Check or Bond Five Percent (5%)

**TERM OF CONTRACT**

- ☐ One Time Purchase  
☐ Annual Requirements  
☒ Other, Specify- Project Completion

**SAMPLE REQUIREMENTS**

- ☒ None required  
☐ Samples required prior to Response Opening  
☐ Samples may be required subsequent to Bid Opening

**SECTION 255.05, FLORIDA STATUTES CONTRACT BOND**

- ☐ None required  
☒ Bond required 100% of Bid Award

**QUANTITIES**

- ☒ Quantities indicated are exacting  
☐ Quantities indicated reflect the approximate quantities to be purchased Throughout the Contract period and are subject to fluctuation in accordance with actual requirements.

**INSURANCE REQUIREMENTS**

**Insurance required**

**PAYMENT DISCOUNTS**

- ☐ 1% 20, net 30  
☐ 2% 10, net 30  
☐ Other \_\_\_\_\_  
☐ None Offered

Item No.	ENTER YOUR BID FOR THE FOLLOWING DESCRIBED ARTICLES OR SERVICES	TOTAL BID PRICE
1	<b>Total Bid Price – 023-18 - BRANDY BRANCH GENERATING STATION COMBUSTION TURBINE (CT) B51 EXHAUST DUCT SILENCER REPLACEMENT PROJECT</b>	\$ _____

**BIDDER CERTIFICATION**

By submitting this Bid, the Bidder certifies that it has read and reviewed all of the documents pertaining to this Solicitation, that the person signing below is an authorized representative of the Bidding Company, that the Company is legally authorized to do business in the State of Florida, and that the Company maintains in active status an appropriate contractor's license for the work (if applicable). The Bidder also certifies that it complies with all sections (including but not limited to Conflict Of Interest and Ethics) of this Solicitation.

We have received addenda \_\_\_\_\_

Handwritten Signature of Authorized Officer of Company or Agent \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_ through \_\_\_\_\_

Printed Name and Title \_\_\_\_\_

Commented [MJG-MP&C1]: Add the public records language check box